

SEVENTH REPORT

OF THE

SOMERSET COUNTY PAUPER

LUNATIC ASYLUM,

From the 1st of JANUARY, to the end of the Year

1854.



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REPORT
OF THE
VISITORS
OF THE
SOMERSET COUNTY LUNATIC
ASYLUM,
TO THE COURT OF QUARTER SESSIONS,
HELD AT
The Castle of Taunton,
2ND JANUARY, 1855.

YOUR COMMITTEE OF VISITORS, in making their Annual Report, in accordance with the 62nd Section of 16th and 17th Vict., chap. 97, are happy to speak favourably of the state and condition of the Asylum, and of the sufficiency of its accommodation for the lunatics for whom they may be called upon to provide; the management of the Asylum and the conduct of the officers and servants, and care of the patients therein have been generally satisfactory; and in all these particulars the Reports made at two

different visits by four of the Commissioners in Lunacy fully concur. As regards its accommodation, it is now more ample from changes made on the suggestion of the Medical Superintendent, and by the construction of sleeping rooms in the yard occupied by the farm servant and an attendant, within the boundaries, but detached from the principal building. These are intended for some of the labouring male convalescent patients, and have received the approval of the Commissioners, who have also recommended that their number shall be increased if required. These rooms have been constructed principally by the patients, and with monies applicable for such purpose from the building fund, without taxing the County for any contribution. The aggregate of lunatics in counties will probably be represented now as larger than it has heretofore been ; Medical Officers of Unions are required by the 66 Sec. of the Pauper Lunatic Act, to visit quarterly every pauper lunatic within their district, and quickened to the discharge of this duty by a fee of 2s. 6d. for every one so visited and reported ; but it does not follow that increased accommodation in your Asylum will be required in proportion to this number, many of them being harmless, and kept with comfort and safety by their friends at home, or at a comparatively trifling charge to their parishes. Your Committee have to regret the loss of the resident Surgeon and of one valuable Attendant by death

during the last year, the number of deaths of patients during one portion of the year, many of them having been sent in with consumptive symptoms, has also been unusually large. Your Committee are rejoiced to add that they have been enabled to discharge a great number of patients cured, or so far recovered as to justify their being restored to their homes. These two causes have reduced the number of inmates below that of December, 1853. By the increased produce on the farm lands, and by judicious management, the weekly charge for patients will be increased, but not in proportion to the enhanced price of provisions. The number now in the house is, of males, 159; females, 187; in all, 346. The same Magistrates are recommended for re-appointment as the Committee of Visitors, except Mr. Tudway, who wishes to retire.

C. A. MOODY,
 F. H. DICKINSON,
 ROBERT CLERK,
 R. KING MEADE KING,
 RICHARD LECKONBY PHIPPS,
 RALPH NEVILLE.

SEVENTH REPORT

OF THE

SOMERSET COUNTY

PAUPER LUNATIC ASYLUM,

For the Year 1854.

By ROBERT BOYD, M.D., SUPERINTENDENT.

PART I.

Numbers.

During the year 58 males and 65 females have been admitted. At the close of the preceding year there were 163 males and 200 females remaining in the Asylum, making a total of 476 under treatment within the year. Of these 76 have been discharged, 62 died, and 159 males and 187 females remain, total 346. At the termination of each year, since the opening of the Asylum in 1848, the number of female patients was found to exceed that of the males to the amount of about seven per cent, which, as stated in the report of last year, was owing to the mortality having invariably been greater among the males in each year. The mortality this year presents a different result, being greater among the females.

Provision for Chronic Cases.

Although the necessity for providing increased accommodation does not seem to be more imperative than when the last annual report was made out, still it is certain that provision must eventually be made for increasing numbers, as the quarterly returns sent from the Unions to the Visitors, under the new Act of Parliament, show that a considerable number (about 70

harmless* lunatics in the workhouses, and 170 idiots, chiefly living with their friends,) are still periodically visited as paupers, by the parochial medical officers. This provision could be most advantageously made in a separate building for the quiet harmless cases, including the younger idiots capable of improvement. It is only when the idiots become violent and dangerous or otherwise troublesome, or of filthy habits, that they are sent to the Asylum.

The cost of erecting such a building, contiguous to this Asylum would be materially diminished by the assistance of the patients in preparing stone and lime, already on the spot, and in doing all the heavy part of the work; and, moreover, the annual expenditure of both institutions would, in a variety of ways, be lessened. Indeed, should this view be carried out, it would almost seem that proper architectural plans, the purchase of timber and additional land would constitute the chief expense of the undertaking.

Cretinism.

There is a district including the parishes of Chiselborough and Stoke-under-Hamden, in this County, which I recently had an opportunity of visiting through the kindness of one of the Visitors, where idiocy manifests that endemic character called cretinism, and which is so well known in Switzerland. We visited some families in which were several cretins, of both sexes, presenting the characteristic bodily deformities. The removal of such cases, at an early age, to an open and elevated situation, has been attended with the most beneficial effects. Bronchocele, or as it is termed in the district alluded to, "the thick neck," is also common among females reared in these localities, who present no appearance of weakened or impaired faculties. In fact, there is no necessary connection between bronchocele and cretinism, beyond that of their common birth-place; and it is somewhat remarkable that although we have

* The power of retaining such in workhouses was shown in the last annual Report, p. 15 & 16, and an attempt has been made to get rid of a few old harmless patients; in some instances, they have been retained in the workhouse, in others, they have been soon returned to the asylum. It may not be advisable generally to persevere in such attempts, unless the Visitors retain the same control, over the dietary, clothing, and *care* of this class that they have in the asylum, and if a portion of a workhouse were set apart for the exclusive use of such harmless chronic patients to make room for recent and probably curable patients, the expenses attending the further enlargement of County Asylums would be saved.

had several female patients admitted into the Asylum with bronchocele, we have had no case of cretinism. Insanity occurring with bronchocele is quite fortuitous; and it is common enough for such patients to recover their reason and yet leave the Asylum with the bronchocele as large or larger than when they entered it.

Mortality.

Under this head two unusual circumstances are to be noticed; 1st, the preponderance of *females* who died; 2nd, the exceeding frequency of pulmonary consumption as the cause of death: during the spring and summer months, dysentery prevailed to some extent, and proved fatal to several old female patients. The mortality during the latter part of the year has happily been unusually low.

Escapes.

Two male patients made their escape; one, a mason, from Frome, succeeded in reaching South Wales, where his son was living, and readily found employment there: the other reached Bath, where he was found by the police and lodged in the work-house, from whence he also again contrived to escape; diligent search was made immediately in both cases, but without success, although followed to their destination.

Casualties.

There were three Coroner's inquests held in the early part of the year, on male patients, two were cases of epilepsy, found dead in bed, the third was a case of sudden death in a feeble man, from enlargement of the brain and pulmonary consumption.

Admission of a Suicide.

An old man has recently been admitted having attempted suicide, and has a wound in the neck which was carefully attended to at home. As he arrived at the door of the Asylum he took a razor from his pocket, and handing it to the person who brought him, observed, that he would have no occasion for it here. He seems depressed, but is rational. The loss of blood from the wound may have relieved congestion of blood in the brain, which was probably the cause of his insane act.

Attendants.

Two excellent male attendants have been lost to the institution this year; one who had been employed here from the first, as quarryman, emigrated to Australia; the other, the infirmary attendant, died of hemorrhage from the bursting of an aneurism of the aorta.

Additional Buildings.

During the year a cottage has been erected in the farm-yard for an attendant and some of those patients who assist him in the care of the stock. New pig-sties have also been built outside the yard, better situated than those now in use. One of the airing courts on the female side has been enlarged by taking into it and enclosing a triangular piece of waste ground, from which there is a pretty view of the distant country, and a covered seat has been placed there. A small boiler-house has also been added to the lodge at the weigh-bridge.

Improvements.

The slope made by the removal of the earth from the main building on the male side has been completed, and the basement, which may at any future time be converted to some useful purpose, has had several lights placed in it. The tedious work of clearing the ground of stone in front, of filling up, and levelling, so long in progress, has been continued, and the lower part completed throughout, and the ground thus reclaimed, has been cropped. The roadways have also been improved and much has been done during the past year by the attendants and servants, assisted by the patients, calculated to improve the appearance of the place, as well as to bring the land into a higher state of cultivation.

Farm.

An addition has been made to the farm by renting twelve acres of land in front of the house. The patients employed on this land can be easily overlooked. It is also well situated for receiving the liquid sewage, and will afford means to increase the dairy, which is very desirable at present from the high price of butter. An increased consumption of milk in the house would also be better, as, when added to the soup, as mentioned in last report, it affords a more nourishing breakfast for the male

working patients than tea or coffee. To the increase of milk and butter may also be added a larger supply of beef; it is found that the cows being stall-fed are soon fit to kill after they become dry, and that in some instances, their value in meat has been one fourth more than their prime cost. The potatoe crop has been good this year, and the farm generally, productive.

Summary of the first 1000 Admissions.

Up to May last one thousand patients had been admitted to this Asylum, and it may be here interesting to give a summary of the principal facts, so far as ascertained, connected with these cases. The *age* at which insanity prevailed most amongst the males was from 35 to 40, and amongst the females from 30 to 35 years, and those two quinquennial periods included 25·3 per cent of the whole admissions; in the earlier ages, up to 30 years, were included 24 per cent; from 40 to 50 years 22·3 per cent; from 50 to 60 years 13·6 per cent; from 60 to 70 years 10 per cent; above 70 years 4·8 per cent; the numbers of each sex, at all these different ages, were nearly equal, never varied more than one-tenth. The *single* and *married* were nearly equal in number. Nearly two-thirds suffered from a *first attack* of insanity.

Duration of the existing attack.—20 per cent were admitted within 1 month of their attack, and of these 35 per cent recovered, and about 12 per cent died within the year in which they were admitted; $36\frac{1}{2}$ per cent were admitted from 1 to 12 months after the attack, and of these, 21 per cent of the males and 20 per cent of the females died within the year; $20\frac{3}{4}$ per cent of the males and $23\frac{3}{4}$ per cent of the females were admitted from 1 to 10 years after their attack, and of these, $13\frac{1}{2}$ per cent of the males and 6 per cent of the females recovered, and 10 per cent of the males and nearly 7 per cent of the females died within the year; $7\frac{1}{4}$ per cent of the males and $7\frac{1}{2}$ per cent of the females were admitted from 10 years and upwards, but, without any results within the year of their admission; $13\frac{1}{4}$ per cent of the males and 10 per cent of the females were admitted affected with idiocy or epilepsy from birth or early childhood, and of these 4 per cent of the females were removed, and 6 per cent of the males and 10 per cent of the females died within the year; the duration of the existing attack in 2 per cent of the males and $2\frac{1}{4}$ per cent of the females was not known, and of these, 6

per cent of the males and 5 per cent of the females recovered, and 6 per cent of the males and 5 per cent of the females died within the year of their admission.

The bodily health on admission, was good in 38 per cent of both males and females, indifferent in 31 per cent of the males and nearly 36 per cent of the females, bad in 31 per cent of the males and 26 per cent of the females.

Religion.—About 75 per cent of each sex belonged to the Church of England, 20 per cent were Wesleyans and Dissenters, $1\frac{3}{4}$ per cent were Roman Catholics, and the remainder not known. The *Education* of 9 per cent of the males, and $6\frac{1}{4}$ per cent of the females was reported as good, 42 per cent of the males and $37\frac{1}{2}$ per cent of the females could read and write, 25 per cent of the males and 35 per cent of the females could only read, 23 per cent of the males and 21 per cent of the females had received no education.

Occupations.—33 per cent of the males, and $6\frac{1}{2}$ per cent of the females had been employed in agriculture; $38\frac{1}{2}$ per cent of the males and $24\frac{3}{4}$ per cent of the females had been in trade and artisans; 5 per cent of the males and nearly 53 per cent of the females had been servants and employed in household work; nearly 7 per cent of the males and $1\frac{1}{2}$ per cent of the females had various other occupations; 5 per cent of the males were soldiers and sailors; and 10 per cent of the males and 13 per cent of the females had no occupation.

Form of Disorder.— $38\frac{1}{2}$ per cent of the males and nearly 50 per cent of the females were in a state of mania; $7\frac{1}{4}$ per cent of the males and 4 per cent of the females were in a state of monomania; $11\frac{1}{2}$ per cent of the males and 18 per cent of the females were in a state of melancholia; 11 per cent of the males and $10\frac{1}{2}$ per cent of the females were in a state of dementia or incoherence; 6 per cent of the males and nearly 4 per cent of the females were in a state of congenital imbecility or idiocy; 11·2 per cent of the males and 8·6 per cent of the females were epileptic; 6·8 per cent of the males and 1·8 per cent of the females were in a state of general paralysis; 2·6 per cent of the males and $\frac{1}{2}$ per cent of the females were in a state of moral insanity; 3·3 per cent of the males and $\frac{1}{2}$ per cent of the females were in a state of delirium tremens; 1 per cent of each sex were in a state of delirium from fever; and $1\frac{1}{2}$ per cent of both sexes were in a state of fatuity.

Probable causes of the disorder ; in 26 per cent of the males and 32 per cent of the females were moral, in which were included fright, grief, disappointment, superstition, pride, &c. ; in 54 per cent of the males and $47\frac{1}{4}$ per cent of the females were physical, in which were included 15 per cent of the males and 18 per cent of the females from hereditary disposition, and 12 per cent of the males and 2 per cent of the females from intemperance ; in about 20 per cent of each sex no cause was assigned.

Admissions and Results in the different Seasons.

The quarterly *admissions, discharges, and deaths*, have been as follows, during six years, ending December, 1854 :—

1849 to 1854, both inclusive.			Admitted.		Discharged.		Dead.	
Jan.	Feb.	March.	M.	F.	M.	F.	M.	F.
1st Quarters.			104	83	56	52	59	26
April. May. June.			96	114	47	50	27	47
2nd Quarters.								
July. Aug. Sept.			99	106	47	58	33	27
3rd Quarters.								
Oct. Nov. Dec.			85	98	51	54	41	24
4th Quarters.								
TOTAL.....			384	401	201	214	160	124

Weekly Charge.

Notwithstanding the increased price of provisions, it has not, for so far, been found necessary to raise the weekly charge for patients, the cost of maintenance having continued throughout the year at 1s. per diem, 7s. a week, for those belonging to the county.

The Rev. O. B. Tyler has very kindly presented £2 5s. towards the purchase of musical instruments for the band.

Conclusion.

There have been few incidents calling for particular attention during the year, and under Divine Providence, the general state of the Asylum has been satisfactory.

The attendants and servants have been generally attentive in the discharge of their respective duties.

The Superintendent has the pleasure of again thanking the Visitors for their uniform kindness and support.

PART II.

MEDICAL.

The 1st part of this report records those facts which relate to the general condition of the Asylum throughout the year; the employment of patients, progress of labour, &c., &c. The 2nd part is of less general interest, being intended to record circumstances solely of a medical character, and though interesting in themselves as affecting the inmates, yet scarcely of sufficient importance for publication in a periodical. The *obituary*, containing the "post mortem" appearances in each case, and the *tables*, giving the principal circumstances connected with those admitted and discharged in the year, will be found at the end of the report.

Aneurism of the Aorta.

The case of a valuable attendant, who, in the prime of life, died from the bursting of an aneurism of the thoracic aorta has already been alluded to. For three months previous to the first attack of hæmoptysis he complained of pain under the left shoulder blade, which was most severe, and frequently disturbed his rest, at night. He had three severe attacks of hæmoptysis within eight weeks, the last of which was fatal. On examination after death, the aneurism was found attached to the left side of the bodies of the two upper dorsal vertebræ, which were rough and partially destroyed, it formed a tumor of the size of a cricket ball, and was covered by the upper part of the left lung, into which it had burst. Such cases are not very uncommon; in the course of two years only, four or five came under my notice in London, which I then described,* and one of the most interesting of them which burst into the œsophagus, was illustrated with drawings made by my friend Dr. Bush; some of them, as in the present instance, burst into the lung.

* Lancet, Vol. 1, 1840-41.

Psoas Abscess.

A case of serious disease of the spine occurred here in a female attendant, from an injury received two years ago in struggling with a violent patient, and psoas abscess was the consequence. For a short time she was incapacitated for her duties from the pain and numbness occasioned; but after a few weeks rest and skilful treatment in the Bristol Infirmary, she has resumed her duty, but is not likely to recover her health.

Pulmonary Consumption.

Several of the female and a few of the male patients have died from pulmonary phthisis, and, as usual in the insane, in nearly all, there was a total absence of cough and expectoration, until the very last; in a few, where the pulmonary symptoms developed themselves, the mind became clearer, so much so, that in two instances, one male and one female, the patients were restored to their homes; in a third, the patient returned at her own desire to the asylum, where she said she felt more comfortable and wished to die. Her life seems to have been prolonged by the use of cod liver oil. Several of the phthisical cases survived until they were emaciated to the last degree, and had but a small portion of lung left free from disease, their cases are described in the obituary.

Diarrhœa and Dysentery.

In the treatment of diarrhœa it was found that some patients derived benefit from dilute sulphuric acid and from the persesquinitrate of iron; in others, the old method of treatment by the compound chalk mixture, preceded by a small dose of castor oil and tincture of opium, or rhubarb mixture and tincture of opium answered the purpose; and the acetate of lead with opium, and sulphate of copper with opium, were given in turn with varied success; in several cases neither mode of treatment succeeded, and many of the cases terminated in dysentery. In a few severe cases, the compound kino powder seemed to check the disease, after the grey powder combined with Dover's powder had failed; counter-irritation by sinapisms and blisters was freely applied; attention was paid to diet; and a light wine, "vin ordinaire," seemed to be the most grateful stimulant. A few deaths from dysentery, with extensive ulceration in the colon, occurred amongst the old female patients, admitted as far back as 1848.

General Paralysis.

In 10 of the deaths 8 males and 2 females laboured under symptoms of general paralysis. The dura mater was firmly adherent to the skull in 1 male, the arachnoid membrane was thickened in 1 male, the cerebral ventricles contained an unusually large quantity of fluid in 4 males, there was congestion of blood in the brain in 2 males, and in 1 of these the brain was very large, weighing 57 ounces. Disease of the spinal cord, which appeared to be the result of inflammation, was found in all the cases; the spinal cord was unusually red in 1 case, softened in 4, preternaturally firm in 2, and in 1 the spinal canal contained a large quantity of fluid. In the 2 females, the spinal cord was softened, and in one, which was subjected to microscopical examination, "exudation corpuscles," such as delineated by Dr. Bennett, in his paper on inflammation of the nervous centres, were evident in the spinal cord and also in the brain, in this case too, the brain was wasted and nearly half a pound below the average weight; in the other female there was effusion of blood on the brain, and atheroma of the cerebral arteries, and it was $\frac{1}{4}$ lb. above the average weight. In those cases which were of longest standing, the brain was usually wasted and below the average weight, in two cases weighing less than 41 ounces; whereas, in some cases of a few months' duration, the brain was considerably above the average weight of 46 ounces; in the cases collectively, the average weight of the brain was $\frac{1}{4}$ ounce in the males, and $1\frac{3}{4}$ ounce in the females below the average weight in the sane. Hence, it appears that in general paralysis of long standing, the brain is below the average weight in the sane, and in some cases of idiocy likewise, the brain is below the average weight. For it may here again be remarked that in the total average, the weight of the brain, this year, exceeds the average weight in the sane by $2\frac{3}{4}$ ounces in the male, only by 1-10 of an ounce in the female.

Idiots and Epileptics.

In 30 male, and 23 female, epileptics who have been examined during six years, 12 were also idiots; nothing peculiar is noted as regards the shape or form of the skull, except in 1 female, in whose case it was thick behind and the diploe wanting, but in nearly one third, there was a difference in weight between the cerebral hemispheres, of from $\frac{1}{2}$ to 6 ounces. Of the 30

males, 21 were epileptics, and 9 were epileptics and idiots combined; in the 21 epileptics the average weight of the brain was 50·3 ounces; in the 9 epileptics and idiots 46·6 ounces; in 2 of the idiots the brain was below the average normal weight, and in 6 it was above it. It is remarkable that the average weight of the left cerebral hemisphere in the male, was $\frac{3}{4}$ ounce heavier than the right cerebral hemisphere. Of the 23 females, 20 were epileptics and 3 epileptics and idiots; in the 20 epileptics the average weight of the brain was 43·2 ounces, and contrary to what was found in the males, the right cerebral hemisphere was slightly heavier than the left, in 2 of the idiots the brain was $\frac{1}{4}$ ounce less than the average natural weight; and in the third idiot, who died from cerebral apoplexy, which would add to the weight, the brain was $2\frac{3}{4}$ ounces heavier. The average cranial measurements in 30 male epileptics was, circumference 22, transverse measurement, from the centre of the external "auditory foramen" over the head to the other, 13·9, and from the root of the nose to the occipital protuberance 13·2 inches; in 29 female epileptics, circumference 21·5, transverse measurement 13·2, antero-posterior 12·9 inches; the average cranial measurement in 14 male epileptics and idiots was, circumference 21·7, transverse 13·7, antero-posterior measurement 13 inches; in 13 male idiots, not epileptics, the average circumference was 21·4, transverse measurement 13·5, antero-posterior measurement 12·8 inches.

Tincture of Sumbul.

The female epileptic who was mentioned in the report of 1850, as having been discharged relieved, after having taken for some time a tincture of sumbul, was one of the earliest of the admissions of this year; the fits are now frequent, and the tincture of sumbul has for so far failed on this occasion in relieving her. Her daughter, niece and nephew, all in a state of recurrent mania, have also this year been re-admitted, each of them having continued well for a very considerable time since their discharge from the asylum. The use of the tincture of sumbul has very much increased in the West of England, in the last three years, an evidence of its value as an antispasmodic. Its high price seems to be the great obstacle to its more extensive use. It has been given with good effect in delirium tremens.

Epilepsy.

The number of patients affected with this disorder has been 68 this year, 33 males and 35 females, which is an increase of 38.9 per cent over the preceding year in the number of cases; there have been 2981 fits by day and 1547 by night, which is an increase of 11.2 per cent on the number of fits, this increase has been entirely in the fits by day, and in the males, which is accounted for by the admission of a male patient, who had 648 fits by day in the twelve months, being more than a third of the whole number in the males. In preceding years the females had the greater proportion of fits.

The following tables give the number of fits by day and night throughout the year in each patient. The average number of patients having epileptic fits in each month was 23 males and 21 females. The letters in *italics* mark those who died, 6 males and 7 females.

night in each epileptic patient, for the year 1854.

FEMALES.

FEMALES.	Age	Jan'y.		Feb'y.		March.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Whole Year.		
		Day.	Night.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	Day.	Night.	
E. B.	55	0	2	0	1	2	3	6	4	4	2	1	0	1	1	0	5	3	2	5	4	3	12	4	8	2	40	32
J. B.	49	..	..	..	..	..	..	..	4	20	4	1	1	2	..	..	1	0	2	6	0	1	0	3	2	46	14
M. B.	40	..	..	..	..	..	..	..	0	1	1	2	0	..	..	..	..	..	0	1	..	..	..	..	..	1	6
C. B.	27	..	2	..	3	6	3	0	0	1	2	3	0	12	0	1	4	10	4	..	..	..	..	..	..	24	20
E. B.	28	5	11	5	7	6	3	16	6	3	0	1	3	0	4	1	0	10	0	6	1	2	8	2	4	46	77	
M. A. C.	26	2	0	3	0	..	..	..	0	..	..	..	..	0	0	1	1	0	1	0	5	0	4	4	1	19	3
A. E. C.	56	13	5	23	4	13	4	7	22	1	6	3	8	4	12	5	14	1	0	0	7	4	1	14	1	155	35	
H. C.	39	0	5	0	4	2	4	0	0	5	2	1	3	4	7	1	2	4	5	1	7	3	1	1	2	32	39	
E. C.	29	..	3	..	14	3	..	26	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
E. D.	25	9	6	3	14	5	1	1	2	0	1	3	4	1	5	8	1	12	4	22	1	3	4	2	0	40	114	
R. E.	36	..	2	11	..	..	..	..	1	0	1	0	1	4	2	2	0	0	1	0	5	0	7	0	..	44	14
e. f.	31	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
S. F.	46	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2
A. F.	26	2	10	14	8	12	11	5	0	2	..	6	1	0	3	0	3	4	0	..	..	..	..	..	..	41	56
E. I.	33	..	32	14	11	12	..	2	5	3	17	5	20	6	16	4	19	4	11	6	12	8	17	0	..	0	2	
A. G. H.	40	13	32	1	1	3	0	11	0	0	1	4	3	2	2	0	1	0	0	1	1	0	0	0	1	174	91	
M. H.	73	1	1	0	1	3	0	4	0	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	25	10
j. h.	34	5	4	8	0	17	0	4	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	39	5	
E. P.	36	..	..	..	..	..	..	..	..	..	..	2	2	2	0	2	0	7	0	4	0	3	2	1	..	5	23
A. H.	41	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	4
D. I.	30	6	7	0	1	3	0	1	..	3	3	0	2	2	2	1	3	0	0	1	7	6	1	3	13	0	44	34
S. N.	53	..	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
J. P.	44	2	0	..	..	1	0	1	0	1	20	0	2	3	1	0	3	0	1	0	..	..	..	..	..	14	6
a. n.	48	11	6	23	3	27	..	27	8	0	1	1	2	0	..	..	..	..	..	..	..	..	..	..	..	20	0
m. a. s.	36	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	72	40
t. m.	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	0
M. A. P.	24	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4
A. S.	20	2	..	..	..	3	..	6	3	4	5	0	7	0	7	6	1	1	1	0	..	..	..	..	..	33	25
m. p.	35	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	10
e. t.	42	0	2	0	3	15	1	6	3	5	16	6	..	..	..	..	..	..	..	..	..	..	..	..	..	34	22
M. T.	31	4	1	9	5	1	1	4	3	0	3	0	4	0	1	2	8	6	2	2	1	0	2	0	..	40	23	
E. W.	71	7	0	..	..	1	0	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	11	0
L. W.	34	2	5	5	2	6	0	1	4	5	5	2	..	..	..	..	..	..	..	..	..	..	..	..	..	19	13
H. W.	43	..	..	..	..	..	..	..	..	0	0	1	3	1	0	1	..	..	..	0	2	0	2	..	..	3	7
Total	....	90	106	121	69	134	123	95	63	118	41	136	71	66	38	65	66	42	57	50	33	83	47	68	29	1068	733
Average	....	9.7	10.5	12.2	7	6.9	8.4	5.4	7.1	5.5	6.5	5.5	6	5.4	7.1	5.5	6	5.5	6.5	5.5	83	130	97	6	34.4	24.3	

It may be seen from the Tables that the greatest number of fits occurred in the males in the third and fourth quarters, and in the females in the first and second quarters: The fits by day continue to be more frequent than the fits by night, in both sexes, and this year, more frequent in the males than the females. The fits by night were nearly equal in both sexes, and are not half so numerous as the fits by day; it is more than probable, however, that fits frequently occur at night which escape notice. In the males the fits by day were 7.3, and in the females 6 per cent.; and the fits by night in the males 2.7, and in the females 4 per cent.

Dislocation of the Humerus.

A dumb epileptic patient is liable to a luxation of the head of the humerus into the axilla, and this has occurred on three occasions since his admission here. It seems he had been frequently the subject of this accident when he threw up his arm in a fit. Sometimes it could be readily reduced, but at others he had to be taken ten miles in great suffering to the hospital before it could be reduced. After the occurrence of the accident here, which happened twice on the first day, a jean belt was made and laced over his shirt, and to this the arm was fixed by two straps, so that he could raise it but slightly from the side, the fore-arm and hand being left free; this entirely prevented a recurrence of the accident for several months, and the belt was left off for a considerable time. However, one morning lately it was observed that he could not put on his clothes, and appeared to be in pain, his arm immoveable, he had a fit during the night and the arm was found again dislocated; after being reduced, the belt was again resumed, and he continues to wear it night and day. If this can be called restraint, it was certainly necessary in this case.

OBITUARY.

OBITUARY.—MALES.—1854.

26

POST-MORTEM APPEARANCES, And weight of the principal Organs, in Ounces Avoirdupois.								
Date of Death. 1854.	Date of last admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	HEAD AND SPINE.	THORAX.	ABDOMEN.
Jany. 11. 406	February 25, 1853.	83 Wi- dowed	Senile fatuity, bad bodily health.	14 months, enlarged heart	Inflammation (softening) of the brain, en- largement of the heart.	Congestion of blood in the brain, some of the grey matter of right hemi- sphere softened; the weight 44.	The edges of lungs emphy- sematous, right lung 10½, left 8½, heart en- larged and valves thick- ened, weight 12.	The stomach weighed 5, liver 32, spleen 1¾, pan- creas 2¼, right kidney 3, left 2¾. Weight of the body 85lbs.; height 5-1.
Jany. 22. 455	October 13, 1853.	21 Single	Idiocy and epi- lepsy.	Congenital	Suffocation in a fit. Inquest case	Congestion of blood in the cerebral vessels, weight of the brain 47½.	Bronchial lining mem- brane unusually red, right lung 18½, left 16½; heart 8½.	Weight of the stomach 4½, liver 42, spleen 4½, each kidney 4. Weight of the body 96lbs.; height 5-7.
Jany. 26. 345	February 28, 1852.	44 Mar- ried.	Mania, combined with general paralysis; bad bodily health.	2 years, old injury of neck	Inflammation of the spinal cord and of the left lung.	More fluid than usual in the lateral ventricles and spinal canal; weight of the brain 40½; the <i>theca</i> <i>vertebralis</i> unusually thickened, the cord rather soft.	Right lung 16, the lower lobe of the left lung in the 2nd stage of pneu- monia 40; heart en- larged 13½.	Undigested food in sto- mach, weight 7, liver large, 63, spleen 3¾, pancreas 3¾, each kid- ney 6½. Weight of the body 105 lbs.; height 5-10.
Feby. 2. 428	May 31, 1853.	75 Wi- dowed	Senile fatuity; in- different health	12 months.	Chronic inflam- mation of the brain.	Dura mater adherent, and arachnoid thickened, fluid in ventricles, brain large, 54.	Right lung 22, chronic pleuro-pneumonia upper lobe left lung 21½; heart 11.	Stomach 3¾, liver 35, spleen 1½, right kidney 3, left 3¾. Weight of the body 94lbs.; height 5-7.
Feby. 8. 165	April 5, 1849.	56 Mar- ried.	Dementia; good bodily health.	7 years, grief.	Pleurisy, pericar- ditis & chronic meningitis.	Dura mater adherent, and arachnoid thickened, brain firm, fluid in ven- tricles and spinal canal 47¼. Spinal cord natural.	Recent lymph on the pleu- ra, particularly on the left side, lower lobe right lung hepatized 42, left 24½; lymph inside peri- cardium, heart 11½.	Stomach 4, liver 59, spleen 3¾, each kidney 4, pancreas 3. Weight of the body 100lbs.; height 5-6.

Date of Death, 1854.	Date of last admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces, Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Feb'y. 27. 298	May 28, 1851.	33 Mar- ried.	Mania, combined with general paralysis; good bodily health.	4 years, in-temperate habits.	Chronic inflam-mation of the brain and spinal cord, pneumo-nia.	Dura mater adherent, fluid in ventricles, the walls of the 4th, rough; con-gestion of blood in the brain, 40 $\frac{3}{4}$. Spinal cord unusually firm.	General redness of bron-chial lining membrane, congestion of blood in the right lung, left 16 $\frac{1}{2}$; heart 9.	Stomach 5, liver elongated 52 $\frac{1}{4}$, spleen 5 $\frac{1}{4}$, pancreas 3 $\frac{1}{4}$, right kidney 5 $\frac{3}{4}$, left 6 $\frac{3}{4}$. Weight of the body, 99lbs.; height 5-7 $\frac{1}{2}$.
March 9. 463	December 2, 1853.	41 Mar- ried.	General paralysis, combined with melancholia; bad bodily health.	11 months, in-tempe- rate ha- bits.	Inflammation of the brain and spinal cord, pneumonia.	Congestion of blood in the brain, much fluid in the lateral ventricles, the walls of the 4th, rough, 47 $\frac{3}{4}$. The spinal cord softened, especially the lower portion of it.	Congestion of blood in the lower lobe of the right lung 28 $\frac{1}{2}$, left 19; heart 8 $\frac{3}{4}$.	Stomach 6 $\frac{1}{2}$, liver large, 62, spleen 4, pancreas 3 $\frac{1}{2}$, right kidney 5 $\frac{1}{2}$, left 6 $\frac{3}{4}$. Weight of the body 100lbs.; height 5-8.
March 11. 65	June 6, 1848.	52 Single	Dementia; good bodily health.	22 $\frac{1}{2}$ years, dis-ap- pointed love.	Pleuro-pneumo-nia.	Slight congestion of blood in the cerebral vessels, brain large, 53. The spinal cord natural.	Recent lymph on the pleu-ra, most on the right side, right lung 3rd stage pneumonia, weight 73 $\frac{3}{4}$, left 20 $\frac{1}{2}$; heart large 13 $\frac{1}{4}$.	Stomach 6, liver large, 80 $\frac{1}{4}$, spleen 6 $\frac{1}{4}$, pancreas 5 $\frac{1}{4}$, each kidney 6 $\frac{1}{4}$. Weight of the body 124 lbs.; height 5-11.
March 12. 451	October 7, 1853.	26 Single	Idiocy, combined with epilepsy.	From birth	Pulmonary phthi-sis.	Slight congestion of blood in the cerebral vessels, brain natural, 47. The gray matter in spinal cord appeared in large quantity.	Old pleuritic adhesions on both sides, tubercles and small cavities in the apex of the right lung, 28 $\frac{3}{4}$, left 24; the heart small 7 $\frac{1}{4}$.	Inflammation and ulcera-tion in the colon, sto-mach 6 $\frac{1}{4}$, liver 48 $\frac{1}{2}$, spleen 5, each kidney 4 $\frac{3}{4}$. Weight of the body 75lbs.; height 5-8.
March 23. 113 and 453	October 8, 1853.	84 Wi- dowed	Dementia; bad bodily health.	Many years	Influenza and di-arrhœa.	Congestion of blood in the cerebral veins, a thin layer of blood on dura mater, 49. Congestion of blood on the spinal cord.	Slight pleuritic adhesions, the bronchial lining membrane of both lungs red and thickened, right 15, left 12 $\frac{1}{4}$; heart large, 12 $\frac{1}{2}$.	Weight of the stomach 6 $\frac{1}{4}$, spleen soft, 2 $\frac{1}{4}$, liver 49 $\frac{1}{4}$, pancreas 3, right kidney wasted 2, left en-larged 7 $\frac{1}{4}$. Weight of the body 98lbs.; height 5-7.

Date of Death. 1854.	Date of last Admission.	Age at Death and Civil State.	Mental and Bodily Condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
March 24. 104	August 15, 1848.	51 Single	Dementia; indifferent health.	31 years; scarlatina	Pulmonary phthisis, enlarged brain, sudden death. Inquest case.	When skull cap removed the brain projected, it seemed to have been compressed, pale, 52. The spinal cord was also pale, 1. A film of blood over the right cerebral hemisphere, general congestion of blood in the brain, 48 $\frac{3}{4}$. Spinal cord natural, 4 $\frac{1}{4}$.	Old pleuritic adhesions on both sides, numerous tubercles in both lungs, the right 31, the left 26 $\frac{1}{2}$; heart small 6.	Weight of the stomach 7, liver 34 $\frac{1}{2}$, spleen 5 $\frac{1}{4}$, pancreas 4 $\frac{1}{2}$, right kidney 5, left 5 $\frac{1}{2}$. Weight of the body 78lbs.; height 5-9.
March 24. 127	November 10, 1848.	44 Single	Dementia; bad bodily health.	25 years; hereditary.	Pulmonary phthisis; apoplexy.		Tuberculous cavities in the apex of the right lung, 33 $\frac{3}{4}$, tubercles in masses in the upper lobe of the left lung, 31 $\frac{1}{4}$; heart small, 6 $\frac{1}{2}$.	Ulcers in the ileum; weight of stomach 6, liver 41, spleen 2 $\frac{3}{4}$, right kidney 4, left 3 $\frac{3}{4}$. Weight of the body 80lbs.; height 5-8 $\frac{1}{2}$.
March 25. 473	January 27, 1854.	27 Married.	Mania combined with general paralysis; bad bodily health.	29 months; (a criminal.)	Inflammation of the brain and spinal cord; pneumonia and dysentery.	Congestion of blood in the cerebral vessels, red puncta on cut surfaces of hemisphere, fluid in the lateral ventricles, 48 $\frac{1}{2}$. Fluid in the spinal canal, 1.	Congestion of blood in the lower lobe right lung, 21 $\frac{1}{2}$, recent lymph and a spot of gangrene on the upper lobe left lung, 25 $\frac{1}{4}$; heart 8.	The mucous membrane of the colon ulcerated; weight of the stomach 5, liver 55 $\frac{1}{2}$, spleen 6 $\frac{1}{2}$, pancreas 2 $\frac{3}{4}$, each kidney 4 $\frac{3}{4}$. Weight of the body 91lbs; height 5-4.
March 30. 78	July 8, 1848.	35 Single	Epilepsy combined with mania; good health	From childhood.	Pleuro-pneumonia.	The cerebral veins congested, 1 ounce of fluid in the lateral ventricles, 50 $\frac{1}{2}$. Spinal cord natural, 1.	Recent lymph on the pleura, and $\frac{1}{4}$ pint fluid in each side, the lower lobes of both lungs in the 2nd stage of inflammation, right 35, left 35 $\frac{3}{4}$; heart 10.	Stomach distended with food 6 $\frac{1}{2}$, liver large 67, spleen 3 $\frac{1}{2}$, pancreas 4 $\frac{1}{2}$, each kidney 4 $\frac{1}{2}$, intestines natural. Weight of the body 123 lbs.; height 5-8.
April 4. 476	February 18, 1854.	39 Married.	Mania; bad bodily health.	3 months' illness.	Abscesses in the extremities; cachexia.	Not examined.		

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						HEAD AND SPINE.	THORAX.	ABDOMEN.
April 13. 465	December 3, 1853.	35 Married.	Mania; indifferent bodily health.	8 months; a blow on the head.	Inflammation of the stomach and intestines.	Numerous puncta on cut surfaces of cerebral structure, brain large, 50 $\frac{3}{4}$. Fluid in spinal canal, cord rather soft, 1.	Right lung distended, 14 $\frac{3}{4}$, old pleuritic adhesions on the left side, left lung smaller, 15; heart 9.	The mucous membrane of the stomach and intestines inflamed; stomach 5 $\frac{1}{2}$, liver 41, spleen 6 $\frac{1}{4}$, pancreas 3 $\frac{1}{4}$, each kidney 7. Body 102lbs.; height 6.
April 26. 387	October 9, 1852.	34 Single	Epilepsy combined with mania; feeble.	From childhood.	Pulmonary phthisis; dysentery	Cerebral veins congested with blood, more fluid than natural in ventricles and spinal cord, 44 $\frac{1}{4}$. A speck of bone about centre of spinal cord.	The lower lobe right lung congested with blood 18, a tuberculous cavity filled with thick matter in left lung, 12, scrofulous bronchial glands 1; heart small, 5 $\frac{1}{4}$.	Brunners glands ulcerated; stomach 4, liver 38, spleen 4, pancreas 2 $\frac{3}{4}$, horse shoe kidney 9 $\frac{1}{4}$. Body 66lbs.; height 5-2.
April 29. 487	March 31, 1854.	30 Married.	General paralysis and Dementia; bad bodily health.	13 months; grief.	Inflammation of the brain and spinal cord; lungs congested	The lateral ventricles distended with fluid, the arachnoid lining them rough and thickened, 45 $\frac{1}{2}$. Centre of spinal cord softened, 1 $\frac{3}{4}$.	Excessive congestion of blood in both lungs, the right 44 $\frac{1}{2}$, left 40; heart large, 11.	The organs large, stomach 7, liver enlarged, old peritoneal adhesions to it, 70, spleen 9, right kidney 6 $\frac{3}{4}$, left 7. Body 113lbs.; height 5-10.
June 3. 468	December 31, 1853.	42 Single	Epilepsy, combined with mania; indifferent health.	From childhood.	Enlarged brain, sudden death; inquest case.	Spicules of bone attached to the arachnoid fluid beneath it, opacity of arachnoid, brain soft and large, 54 $\frac{3}{4}$. Spinal cord 1 $\frac{1}{4}$.	Congestion of blood in both lungs, calcareous matter in left lung, right weighed 21 $\frac{1}{4}$, left 19 $\frac{3}{4}$; heart large, 11.	Liver waxy 56, right kidney 3 $\frac{1}{2}$, left 4 $\frac{1}{4}$, spleen 7. Weight of the body 125 lbs.; height 5-4.
June 9. 470	January 14, 1854.	56 Widowed	Monomania; indifferent health.	3 years; 2nd attack.	Apoplexy, enlargement of the heart.	Skull unusually thick, dura mater adherent, about 6 oz. fluid blood escaped, brain large, 51 $\frac{1}{2}$. Fluid blood also in the spinal canal, 1 $\frac{1}{4}$.	Old pleuritic adhesions, redness of the bronchial lining membrane both lungs, right 29, left 26 $\frac{1}{4}$; the heart much enlarged and fatty, 19 $\frac{1}{2}$.	Fatty omentum, weight of the stomach 7 $\frac{3}{4}$, organs enlarged liver 8 $\frac{1}{2}$, spleen 9 $\frac{1}{2}$, pancreas 6, right kidney 6 $\frac{3}{4}$, left 8 $\frac{1}{4}$. Body 204lbs.; height 5-9.

Date of Death, 1854.	Date of last Admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
July 17, 461	November 30, 1853.	39 Married.	General paralysis with mania; bad bodily health.	18 months; intemperance.	Myelitis and congestion of blood in the brain.	The brain generally much congested with blood, 44. The grey matter in spinal cord congested with blood and cord softened, l. Congestion of blood in the brain, which was very large, 57. The spinal cord also very much congested with blood, l.	Right lung congested with blood, 21 $\frac{1}{4}$, left 14 $\frac{1}{2}$; heart 8 $\frac{1}{2}$.	Weight of the stomach 5, liver 44 $\frac{3}{4}$, spleen 3 $\frac{1}{2}$, pancreas 3, right kidney 6, left 6 $\frac{1}{2}$. Weight of the body 118lbs.; height 5-6.
July 17, 466	December 13, 1853.	37 Single	General paralysis with dementia; bad bodily health.	19 months; illness.	Myelitis and congestion of the brain.	Ulceration of scalp left side, bones below rough, dura mater adherent on right side, more fluid than usual in the ventricles and spinal canal, the brain pale and very large, 57.	Congestion of blood in the right lung, 23, left 18; heart 9 $\frac{3}{4}$.	Stomach 6 $\frac{3}{4}$, liver large 66, spleen 5, pancreas 4, right kidney 5 $\frac{1}{4}$, left 4 $\frac{3}{4}$. The body weighed 123lbs; height 5-8.
July 24, 399	December 29, 1852.	20 Single	Mania; bad bodily health.	21 months; illness.	Pulmonary phthisis, pericarditis.	Ulceration of scalp left side, bones below rough, dura mater adherent on right side, more fluid than usual in the ventricles and spinal canal, the brain pale and very large, 57.	Tubercles and small tuberculous cavities throughout both lungs, right 34 $\frac{3}{4}$, left 32. Three ounces of fluid in the pericardium; the heart large and pale, 11 $\frac{1}{2}$.	The viscera exsanguious, stomach weighed 4 $\frac{3}{4}$, liver 54 $\frac{3}{4}$, spleen 6 $\frac{1}{4}$, pancreas 4, right kidney 7, left 7 $\frac{3}{4}$. Body 78lbs.; height 5-8.
July 24, 478	February 22, 1854.	74 Married.	Epilepsy; bad bodily health.	From childhood; fright.	Ulceration of the stomach, colitis, bronchitis.	Dura mater firmly adherent, arachnoid thickened, and bony spicules and a small tumor over right hemisphere, brain soft, 44 $\frac{1}{2}$.	Old pleuritic adhesions on both sides, the bronchial membrane, especially of right lung, red and thickened, 16, left 10 $\frac{1}{2}$; heart 10 $\frac{3}{4}$.	Redness of mucous membrane of the colon, an ulcer, size of a halfpenny, with high edges, close to pylorus, 4 $\frac{1}{2}$, liver 41 $\frac{3}{4}$, spleen 1 $\frac{1}{2}$, right kidney 4 $\frac{1}{4}$, left 5. Body 94lbs.; height 5-7.
Sept. 10, 507	August 19, 1854.	36 Single	Mania; bad bodily health.	1 month; hereditary.	Apoplexy and bronchitis.	The cerebral veins and grey matter, especially the right corpus striatum congested with blood, 50 $\frac{1}{2}$. Spinal cord natural, 1 $\frac{1}{4}$.	Ulceration of throat (syphilitic); general inflammation of mucous membrane, right 17 $\frac{1}{2}$, left 16 $\frac{3}{4}$; heart 10 $\frac{1}{2}$.	Weight of the stomach 5, liver 43 $\frac{3}{4}$, spleen 7 $\frac{3}{4}$, pancreas 4 $\frac{1}{2}$, right kidney 4 $\frac{1}{2}$, left 5. Weight of the body 105lbs.; height 5-9.

Date of Death. 1854.	Date of last Admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Nov. 29. 489	April 11, 1854.	28 Single	Epilepsy and dementia; bad health.	From childhood.	Congestion of blood in the brain; pneumonia.	Brain large and very much congested with blood. 53½. Spinal cord constricted at the upper part and rather soft, 1. Arachnoid thickened, 2oz. of fluid in the sac, cerebral convolutions wasted, brain congested with blood, weight 42¾. The grey matter appeared very deficient in upper two-thirds of spinal cord. Dura mater adherent, arachnoid opaque, containing 2oz. fluid, brain horny, 46. Spinal cord natural, 1.	The lower lobes of both lungs in the 1st stage of inflammation, the right 20½, left 21¾; heart 7¾.	Weight of the stomach 4¾, liver 37¼, spleen 4¼, pancreas 3, right kidney 3¼, left 4½. Weight of the body 86lbs.; height 5-5.
Dec. 2. 499	June 27, 1854.	42 Married.	General paralysis with dementia; indifferent health.	8 months, grief.	Meningitis with cerebral wasting, pneumonia and pericarditis		The lower lobes of both lungs in the 1st stage of pneumonia, the right 39, left 33½. The heart and pericardium adherent throughout, adhesions of old standing; weight of the heart 7½.	Weight of the liver 54, spleen 5, pancreas 3½, right kidney 5, left 5¾. The cœcum contained a tape worm, which measured 18 feet. Weight of the body 106 lbs.; height 5-9.
Dec. 14. 511	September 5, 1854.	68 Married.	Fatuity; bad bodily health.	9 months, old age.	Inflammation of the left lung.	The dura mater very firmly attached to the skull, the lateral ventricles distended with fluid, arachnoid tough, brain small and pale, 39.	Old pleuritic adhesions, both lungs in an emphysematous state, right 12½, left 10; heart 11, atheroma and earthy deposit in aorta close to semilunar valves.	Black spots on stomach, weight 5, liver 44¾, spleen 3½, pancreas 3, right kidney 3¾, left 4½. Weight of the body 100lbs.; height 5-7.
Dec. 30. 501	July 27, 1854.	70 Married.	Dementia; bad bodily health.	2½ years, intemperance.	Meningitis; asthma.			Stomach excessively thickened, weight 10, liver 50½, spleen 4, pancreas 4¼, right kidney 4¼, left 5, both kidneys slightly granular. Weight of the body 103lbs.; height 5-9.

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						HEAD AND SPINE.	THORAX.	ABDOMEN.
Jan'y. 7. 156	November 11, 1851.	51 Married.	Dementia, epilepsy; bad bodily health.	3¼ years; intemperance.	Cerebral apoplexy; pneumonia.	A thin layer of blood over right hemisphere, which was wasted, entire brain weighed 40½.	Lobular pneumonia upper lobe right lung, weight 24, left 20½; heart large, 11½.	Weight of the stomach 5¼, liver 56, spleen 5½, right kidney 5, left 4½. Weight of body 93lbs.; height 5-5.
Jan'y. 14. 472	November 22, 1853.	66½ Single	Melancholia, 2nd attack; bad health.	8 months'; hereditary.	Dysentery and pneumonia.	Dura mater adherent, fluid in the meninges and spinal canal, 46½.	Old pleuritic adhesions on left side, the lower lobe left lung in the 2nd stage of pneumonia, right lung 16, left 19½; heart 7½.	Redness and ulceration of the mucous membrane of the colon. Stomach 4, liver 33, spleen 2, each kidney 3½. Weight of body 68lbs.; height 5.
Jan'y. 16. 388	August 3, 1852.	63 Widowed	Melancholia; bad bodily health.	3 years; fever.	Arachnitis, and pleura pneumonia, right side.	Pus on the right hemisphere, and along the course of the large veins and on the base of the skull, brain 43. Pus on the spinal cord.	Old pleuritic adhesions on the left side, a pint of fluid in the right pleura, the lower lobe right lung hepatized, 18, left 16; heart 8½.	Weight of the stomach 4¼, liver 58, spleen 2¾, pancreas 3½, each kidney 4¾. Weight of the body 96lbs.; height 5-2.
Feb. 28. 464	October 7, 1853.	67 Widowed	Dementia; bad bodily health.	18 months; apoplexy	Hydrothorax, enlarged heart, &c.	Fluid in the ventricles, an old clot in the right corpus striatum, atheroma in arteries, 40.	A pint of fluid in right pleura, bronchitis, right lung 17, left 15½; heart enlarged 15½.	Stomach 4¼, liver 42½, spleen 4, pancreas 3½, each kidney 2½, granular. Weight of the body 94lbs.; height 5.
March 3. 460	September 21, 1853.	68 Widowed	Melancholia and general paralysis; bad health.	11 months; apoplexy	Atheroma of cerebral arteries, softening of spinal cord.	Interstitial apoplexy, a clot of fibrine in right lateral ventricle, 46. The upper portion of the spinal cord softened.	The right lung natural, 12, the left slightly congested with blood, 14½; heart enlarged 10.	Weight of the stomach 6¾, liver 48, spleen 3¼, pancreas 3½, each kidney 4¼.
March 5. 149	February 19, 1849.	66 Married.	Mania; bad bodily health.	6½ years; grief.	Pulmonary phthisis.	Cerebral membranes thickened and preternatural, adherent, left hemisphere largest, entire brain 44½.	A large tuberculous cavity in the apex of right lung, 18½, tubercles in the left 23½; heart 10.	Intestines natural; stomach 4½, liver 36, spleen 4, pancreas 3¾, each kidney 4½. Body 74lbs; height 5-5.

Date of Death. 1854.	Date of last Admission.	Age at Death and Civil State.	Mental and Bodily condition on Admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
April 4. 291	January 14, 1851.	39 Married.	Mania; good bodily health.	5 years; fever.	Pulmonaryphthisis.	Slight congestion of blood in the brain, 44½, left hemisphere largest. Spinal cord natural.	Tuberculous cavities in apices of lungs, largest in left, and lined by a membrane, right 22, left 19½; heart 8.	Mucous membrane of colon very red; stomach 5¼, liver 55, spleen large 10, pancreas 4, right kidney 5½, left 6. Weight of the body 87lbs.; height 5-7. Weight of the body 90lbs; height 5-3.
April 6. 461	September 21, 1853.	51 Married.	Mania; indifferent bodily health.	16 years; fright.	Dysentery.	Not examined.		
April 20. 427	April 27, 1853.	32 Single	Dementia; indifferent bodily health.	9 years; hereditary.	Pulmonaryphthisis; ulceration of bowels.	The right cerebral hemisphere heavier than the left, the brain pale 44¼.	Tubercles in both lungs, a large cavity in the left, and emphysema on right side, right 20, left 10½; heart 5¼.	Ulceration in the ileum and colon; stomach 4, liver 31, spleen and each kidney 3. Weight of body 58lbs.; height 5.
April 22. 138	November 16, 1848.	36 Married.	Mania, 2nd attack; bodily health feeble.	6 years; hereditary.	Pulmonaryphthisis; tubercular peritonitis.	Arachnoid thickened and adherent at the centre, the cerebral vessels engorged with blood 45¼.	A tuberculous cavity in the apex of the left lung, the right 13¼, left 18¼; heart small 5¼.	Peritoneum tubercular and generally adherent, stomach 6¾, liver, nutmeg appearance, 56¼, spleen 4½, right kidney 4¾, left 5. Weight of the body 57lbs.; height 5-3.
May 20. 27	April 27, 1848.	66 Widowed	Dementia; bad bodily health.	18 years; hereditary.	Dysentery; enlarged heart.	The right cerebral hemisphere heavier than the left, brain small; atheroma in arteries 39.	Old pleuritic adhesions on right side, lung condensed 9¾, left natural 11½; heart large, 13¾, ossific deposit in tricuspid valves.	Mucous membrane of colon throughout, ulcerated; stomach 6¼, liver 49, spleen 3¾, right kidney 3¾, left 3½. Weight of body 67lbs.; height 5.

Date of Death. 1854.	Date of last Admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
May 20. 7	March 21, 1848.	76 Single	Dementia; indifferent bodily health.	8 years.	Dysentery.	The skull thick, congestion of blood in the brain and spinal cord, about 1 oz. fluid in lateral ventricles, 45 $\frac{3}{4}$.	Old pleuritic adhesions on right side, right lung 13 $\frac{1}{2}$, congestion of blood in the lower lobe of the left lung, weight 18; heart 7 $\frac{3}{4}$.	Ulceration of the colon; stomach 5, liver 44, spleen 3 $\frac{1}{2}$, right kidney 4 $\frac{1}{2}$, left 3 $\frac{1}{4}$. Weight of the body 74lbs., a loss of 16lbs. in three months; height 5-5.
May 23. 109	August 17, 1848.	33 Single	Mania, combined with epilepsy; bad health.	From childhood.	Pulmonary phthisis; diarrhoea.	The cerebral membranes unusually adherent, vessels turgid, brain firm 42 $\frac{1}{2}$.	Pleuritic adhesions and tubercles in the upper lobes of both lungs, right 9, left 10; heart 7.	The mucous membrane of ileum in part inflamed, stomach 4 $\frac{1}{4}$, liver 34, spleen 2, each kidney 3 $\frac{1}{4}$. Weight of the body 99lbs.; height 4-11 $\frac{3}{4}$.
May 24. 246	May 14, 1850.	37 Widowed	Melancholia, combined with epilepsy; bad health.	5 years; loss of property	Congestion of blood in the brain; pneumonia.	The skull thickened, cristæ gallæ bulbous, an abscess in sphenoid, the cerebral vessels turgid, atrophy of some of the convolutions on upper part, brain 42 $\frac{1}{2}$. Nothing remarked in brain, the weight 41.	The lungs adherent, right in a state of inflammation 20, left 12; heart fatty 9.	Weight of the stomach 4, liver 50, a calculus in the gall bladder, spleen 2, pancreas 2 $\frac{1}{4}$, each kidney 4. Weight of the body 93lbs.; height 5-1.
June 3. 497	April 6, 1854.	48 Married.	Dementia combined with paralysis; bad health.	11 weeks; bodily illness.	Pneumonia, and cancer of the uterus.	Inflammation of both lungs, but most extensive in the left; the right 16, left 25; heart small 6 $\frac{1}{2}$.	An ulcer in stomach, 4, liver 45 $\frac{1}{2}$, calculi in gall duct and bladder, spleen 5, right kidney 4, left 5 $\frac{1}{2}$; cancer of uterus, weight 14. Body 72lbs.; height 5-3.	Ulceration of the colon; stomach 5 $\frac{3}{4}$, liver 44, spleen 5 $\frac{1}{2}$, each kidney 5, a calculus in the left. Body 68lbs.; height 5-5.
June 7. 399	September 14, 1852.	62 Married.	Dementia; bad health.	2 years; piles.	Dysentery; pulmonary phthisis.	The brain natural, 43 $\frac{3}{4}$; the spinal cord natural.	Tubercles in the right lung 13 $\frac{1}{2}$, left 10 $\frac{1}{2}$; heart small 7 $\frac{1}{2}$.	

Date of Death, 1854.	Date of last admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
June 11. 100	July 28, 1848.	34 Single	Mania, combined with epilepsy; bad health.	From childhood.	Pulmonary phthisis.	The brain appeared natural but small, weight 35 $\frac{3}{4}$.	Old pleuritic adhesions, large tuberculous cavities in both lungs, right 19, left 22 $\frac{1}{4}$; heart small 6 $\frac{1}{4}$.	Weight of the stomach 4 $\frac{1}{2}$, liver 34 $\frac{1}{4}$, spleen 2 $\frac{1}{2}$, right kidney 2 $\frac{1}{2}$, left 2. Body emaciated 55lbs.; height 5-2.
June 12. 507	May 10, 1854.	31 Married.	Melancholia; bad bodily health.	13 months, hereditary	Pulmonary phthisis; dysentery.	Congestion of blood in the brain, 41 $\frac{3}{4}$.	Tubercles and tuberculous cavities in both lungs, right 9 $\frac{3}{4}$, left 6 $\frac{3}{4}$; heart 6 $\frac{1}{4}$.	Ulceration of colon; stomach 4 $\frac{1}{2}$, liver 37, spleen 2 $\frac{1}{4}$, each kidney 3. Body 57lbs.; height 5-5 $\frac{1}{2}$.
June 15. 275	November 2, 1850.	53 Married.	Mania; indifferent health.	5 years; intemperance.	Dysentery and pneumonia.	About 1 oz. of fluid in the lateral ventricles. Spinal cord natural.	Pneumonia, 2nd stage, lower lobe right lung 22 $\frac{1}{2}$, left 8 $\frac{1}{2}$; heart 9 $\frac{1}{4}$.	Ulceration of colon; stomach 4 $\frac{3}{4}$, liver 40, spleen 3, each kidney 3 $\frac{1}{2}$. Body 63lbs.; height 5-4.
June 29. 515	June 10, 1854.	61 Single	Melancholia; indifferent health.	7 weeks; anxiety.	Inflammation of the cerebral membranes.	Congestion of blood in the cerebral veins, and a quantity of fluid in the arachnoid, the brain weighed 44.	Old pleuritic adhesions, earthy deposit in apex of right lung, which weighed 16 $\frac{1}{2}$, left 12; heart soft and flabby 10.	Fatty omentum, weight of the stomach 4, liver 45, spleen 6 $\frac{1}{4}$, pancreas 5, each kidney 6 $\frac{1}{2}$. Weight of body 115lbs.; height 5-4.
June 30. 512	June 1, 1854.	57 Single	Melancholia; indifferent health.	19 months; grief.	Inflammation of the lungs.	The cerebral veins congested with blood, 42. Spinal cord natural.	Pleuritic adhesions, inflammation of the lower lobe right, and upper lobe of left lung, right 30, left 26 $\frac{1}{4}$; heart 9.	Weight of the stomach 6, liver 41 $\frac{1}{2}$, spleen 2 $\frac{3}{4}$, each kidney 5 $\frac{1}{4}$. Weight of the body 78lbs.; height 5.
July 8. 36	May 18, 1848.	65 Single	Idiocy; good bodily condition.	From birth	Pulmonary phthisis; ulceration of the mucous membrane of the bowels.	More fluid than natural in the ventricles, 40 $\frac{1}{4}$. Grey matter of spinal cord of a deeper colour than usual.	Tubercles in both lungs, and a tuberculous cavity in the left, which weighed 16 $\frac{1}{2}$, right 18; heart small, 6.	Tuberculous matter in mesenteric glands, ulcers in the colon. Stomach 6 $\frac{1}{2}$, liver 33, spleen 2 $\frac{1}{2}$, pancreas 2 $\frac{1}{4}$, each kidney 2 $\frac{1}{2}$. Body 66lbs.; height 5-6.

OBITUARY, continued.—FEMALES.

Date of Death. 1854.	Date of last admission.	Age at Death and Civil State	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES, And weight of the principal Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
July 15. 64	June 2, 1848.	42 Single	Dementia; good bodily health.	20 years, bright.	Pulmonary phthisis; pericarditis.	More fluid than natural in the brain, 41¼.	Tubercles in both lungs and some pneumonia, right 20, left 18½; 4 oz. of serum in pericardium, heart 7½.	Stomach 5½, liver 42, tubercles in spleen 5¼, right kidney 3¾, left 4. Body 81lbs.; height 5-6.
July 17. 26	April 13, 1848.	57 Single	Mania; good bodily health.	19 years, remorse.	Dysentery.	Several spiculæ of bone in the dura mater and falx cerebri, brain natural 44.	Lungs natural, the right weighed 14¾, left 10¼; heart 8.	Ulceration of the colon throughout; weight of the stomach 4¼, liver 49, spleen 3¼, right kidney 5, left 5½. Body 78lbs.; height 5-4½.
July 24. 79	January 21, 1848.	35 Single	Epilepsy with recurrent mania; different health.	18 years, grief.	Pulmonary phthisis.	Brain soft and pale, weight 42¾; right hemisphere smaller than the left. Spinal cord unusually pale.	Strong pleuritic adhesions, tubercles and cavities in both lungs, right 31½, left 33; heart soft and pale, 8.	Stomach 4½, liver 45¼, pancreas 4, right kidney 4¼, left 4½. Ulcers in the ileum. Weight of the body 67lbs.; height 5-3.
July 25. 331	August 15, 1851.	68 Single	Idiocy; good bodily health.	From birth	Bright's disease of the kidneys; albumenuria.	Dura mater unusually adherent brain pale and soft, 42¾. Enlarged thyroid body, weight 4½.	A few tubercles in right lung 18, the left 15½; heart soft and pale 8½, the microscope revealed fatty degeneration in the right ventricle.	Weight of the stomach 3¾, liver 43, spleen 3, pancreas 3¼, fatty degeneration in right kidney 3¼, left 3. Body 94lbs.; height 5-2.
July 26. 469	November 16, 1853.	51 Widowed	Monomania, general paralysis; bad health.	?	Myelitis, &c; pulmonary tubercles, pneumonia	Atrophy of the left corpus striatum and left hemisphere, brain small 34¼. Spinal cord soft at upper part, exudation corpuscles in brain and cord.	Tubercles in the right lung 23, pneumonia of the left lung 40; heart 7.	Weight of the stomach 4¾, liver 46¾, spleen 4¼, pancreas 2¾, each kidney 5, uterus 1¾. Weight of the body 78lbs.; height 5-3.

Date of Death. 1854.	Date of last Admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
August 21. 487	Febry. 13, 1854.	22 Single	Mania; indifferent health.	8 months; disappointment	Pulmonaryphthisis; dysentery.	Arachnitis, about 3 oz. of fluid in the lateral ventricles, corpora striata of a red colour, and softer than natural, brain small 38. Congestion of blood in brain, which was small, 34½. The spine curved forwards, a bony plate, size of a fourpenny-piece, on the arachnoid, low down, cord softened.	A few tubercles on right lung 10, a mass of softened tubercles in the left, 11½; the heart unusually small, 5. Old pleuritic adhesions on both sides, œdema of the lower lobe, right lung 14; left 12; heart 9¾.	Ulceration of descending colon; stomach 4½, liver 37½, spleen 3¾, right kidney 3, left 3½. The body emaciated, weight 47lbs.; height 5. Stomach 6¼, liver large 52, spleen large 8¼, pancreas 3, each kidney 4½. Weight of body 79lbs.; height 5-2.
August 30. 492	March 11, 1854.	69 Married.	Dementia, combined with chorea; bad bodily health.	5½ years; grief.	Bony deposit on spinal arachnoid and softening of the cord.	Arachnoid opaque and thickened, brain pale, 39½. Spinal cord natural.	A large tuberculous cavity, pneumonia and gangrene of upper lobe left lung, the right lung weighed 10¼, left 10½; heart small 5¼. Recent lymph on right lung which was in the 1st stage of pneumonia, 20¾, left 13; the aorta above semilunar valves in a state of atheroma; heart 9. The lungs natural, right 11¾, left 8¾; heart 6¾.	Viscera healthy; stomach 4½, liver 46½, spleen 3¾, pancreas 2¼, right kidney 3¾, left 4. Body 71lbs.; height 5-3. Weight of stomach 3¾, liver large 55, spleen 7, pancreas 2¾, right kidney 4¼, left 4¾. Bony deposit in the iliacs at bifurcation of the aorta. Body 68lbs.; height 5-4. Organs wasted, stomach 4¼, liver 39½, spleen 2¼, each kidney 3. Patches of ulceration in colon. The body emaciated 63lbs.; height 5-3.
Sept. 8. 496	April 6, 1854.	49 Married.	Mania; indifferent bodily health.	6 months; hereditary.	Pulmonaryphthisis and gangrene of the left lung.	The brain appeared natural, 40½. The spinal cord appeared natural, ¾.		
Sept. 17. 504	May 1, 1854.	61 Widowed	Dementia; indifferent health.	8 months; hereditary.	Pleuro - pneumonia, atheroma of arteries; "gangrena senilis."			
Oct. 31. 53	May 29, 1848.	48 Married.	Dementia; indifferent bodily health.	Many years.	Chronic dysentery.			

Date of last Admission.	Age at Death and Civil State.	Mental and Bodily condition on Admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
					HEAD AND SPINE.	THORAX.	ABDOMEN.
December 14, 1853.	20 Single	Idiocy, combined with epilepsy; indifferent health.	From birth	Pulmonary phthisis and apoplexy.	The skull behind very thick, diploe wanting, about $\frac{1}{4}$ oz. of blood on left side of falx, brain congested with blood, $44\frac{3}{4}$. Spinal cord firm and small.	Old pleuritic adhesions on both sides, tubercles and tuberculous cavities at the back part of left lung, right lung large, 22, left $14\frac{3}{4}$; heart 9.	Intestines natural; stomach weighed $3\frac{1}{4}$, liver $40\frac{1}{2}$, spleen $4\frac{3}{4}$, pancreas 3, right kidney $4\frac{1}{4}$, left $4\frac{3}{4}$. Weight of the body 80lbs.; height 5-1.

SUMMARY OF THE OBITUARY.

Unlike preceding years, the mortality in 1854 was greater amongst the females. The number of deaths was 62, and of this number 29 were males, and 33 were females; the largest number of females who died in any former year was 23. The greatest number of deaths occurred during the summer, principally from pulmonary phthisis and dysentery. In the first quarter of the year 14 males and 6 females died, in the second quarter 6 males and 15 females, in the third quarter 5 males and 10 females, in the fourth quarter 4 males and 2 females; 3 males and 3 females died within a month of their admission; the number of days under treatment in the Asylum varied in the males from 5 to 2104 days, in the females from 19 to 2343 days; the average duration for the males was 499 days and for the females 1014 days.

Two males were between 80 and 90 years of age, 3 males and 1 female between 70 and 80, 12 females between 60 and 70, 5 males and 6 females between 50 and 60, 5 males and 4 females between 40 and 50, 9 males and 8 females between 30 and 40, 5 males and 2 females between 20 and 30. About one half were advanced in age, being upwards of 50. The *civil state* was, of 12 males and 14 females, single; of 13 males and 12 females married; and of 4 males and 7 females, widowed.

The *mental state on admission* of 4 males and 9 females was mania; of 6 males and 9 females dementia; of 1 male monomania; of 5 females melancholia; 8 males and 2 females had general paralysis; 5 males and 5 females had epilepsy combined with mania, melancholia, or idiocy; 2 males and 3 females were in a state of idiocy; and 3 males in a state of senile fatuity. The *bodily condition* on admission, in 4 males and 5 females was good; in 9 males and 13 females indifferent; in 16 males and 15 females bad.

The *duration of the disorder* was less than 3 months in 1 male and 2 females; from 6 to 12 months in 5 males and 4 females; from 1 to 2 years in 4 males and 4 females; from 2 to

4 years in 5 males and 3 females; from 4 to 6 years in 1 male and 4 females; from 6 to 10 years in 1 male and 4 females; from 10 to 20 years in 5 females; upwards of 20 years in 5 males and 1 female; from birth in 6 males and 5 females; and not known in 1 male and 1 female.

The *causes of the disorder* were, in 1 male and 1 female disappointment in love; in 1 male and 2 females fright; in 2 males and 6 females hereditary; in 7 males and 5 females from birth or early childhood; in 3 males and 2 females from bodily illness; in 3 males and 4 females from grief; in 1 male and 3 females from fever and scarlatina; in 4 males and 2 females from intemperance; in 2 males from injury to the head and neck; in 2 females from cerebral apoplexy; in 1 male from enlargement of the heart; in 2 females from over anxiety; in 1 female from remorse; in 1 or 2 males from premature decay; in 3 males and 3 females cause not known.

The *assigned causes of death* were—in 14 males and 5 females inflammation of the brain, spinal cord and membranes; in 2 males enlarged brain, sudden death, and inquests in both cases; in 1 male suffocation in a fit, in which there was also a Coroner's inquest; in 3 males and 3 females cerebral apoplexy; in 9 males and 8 females inflammation of the lungs or pleura; in 2 males pericarditis; in 2 males influenza; in 1 female gangrene of the lung; in 5 males and 14 males pulmonary phthisis; in 1 female dropsy of the chest; in 2 males inflammation of the stomach and intestines; in 1 male and 10 females dysentery; in 1 female Bright's disease of the kidneys; in 1 cancer of the uterus; in 1 male abscesses in the extremities and cachexia; no post-mortem examination was made in this case, nor that of 1 female affected with dysentery.

Appearances after Death and weight of the principal Organs in 28 Males and 32 Females.

Head and Spine.—The skull was unusually thickened in 1 male and 3 females; the dura mater was preternaturally adherent in 7 males and 5 females; the arachnoid membrane was opaque and thickened in 8 males and 3 females; there was pus on the arachnoid in 1 female; spiculæ of bone on arachnoid membrane in 2 males and 1 female, and on arachnoid of spinal cord in 1 male and 1 female; there was blood on the surface of

the brain and spinal cord in 1 male and 1 female; atheroma in cerebral arteries in 2 females; in 16 males and 9 females congestion of blood in the cerebral vessels; the right corpus striatum congested with blood in 1 male; in 2 males congestion of blood in the spinal cord; an unusual quantity of fluid in the cerebral ventricles in 10 males and 6 females, and in the spinal canal in 6 males and 1 female; the walls of the 4th ventricle rough in 2 males; the grey cerebral matter softened in 1 male; the brain generally softer than natural in 2 males and 3 females; the spinal cord softened in 6 males and 3 females; the brain unusually firm in 2 males, and the spinal cord firm in 1 male and 1 female; the membranes of the spinal cord thickened in 1 male; the grey matter of the spinal cord appeared to be larger in proportion in 2 males and 1 female, and diminished in proportion in 1 male; the brain was unusually pale in 3 males and 2 females; a remarkable difference in weight between the cerebral hemispheres in 6 females, in 3 the preponderance was in the right, and in 3 in the left hemisphere; the brain was unusually large in 6 males and 4 females, and smaller than usual in 3 males and 6 females. The *weight* of the brain varied in the male from $40\frac{1}{2}$ to 57 ounces, and in the female from $34\frac{1}{4}$ to $46\frac{1}{2}$ ounces; the average weight in the male 48.23, and in the female 42.1 ounces, which in the male is 2.7, and in the female the decimal only above the healthy average.

Thorax.—Adhesions of the pleura pulmonalis to the parietes generally of old standing were found in 8 males and 8 females; the lungs were in an emphysematous state in 2 males; congestion of blood was found in the right lung in 4 males, in both lungs in 1 male and 2 females; bronchitis was found in 5 males and 1 female; pleuro-pneumonia in 2 males and 1 female; pneumonia in both lungs in 4 males and 2 females, of the right lung only in 2 males and 4 females, and of the left lung only in 2 males and 2 females; gangrene of the left lung was found in 1 male and 1 female; pulmonary tubercles were found in both lungs in 3 males and 10 females, in the right lung only in 2 males and 4 females, in the left lung only in 1 male and 2 females. The *heart* was enlarged in 8 males and 6 females; it was smaller than natural in 5 males and 10 females; the pericardium was inflamed or contained fluid in 3 males and 1 female; there was fatty degeneration of the heart and aorta in 2 females; the semi-lunar valves were thickened in 1 female; atheromatous

state of the aorta in 1 male. The *weight* of the right lung varied in the males from $10\frac{1}{2}$ to $73\frac{3}{4}$ ounces, and in the female from 9 to 24 ounces, the average weight in the male being 26.3, and the female 17.2 ounces; the weight of the lung varied in the male from $8\frac{1}{2}$ to 40 ounces, and in the female from $6\frac{3}{4}$ to 40 ounces, the average weight in the male being 22.2, and in the female 16.4 ounces. The weight of the heart varied in the male from 6 to $19\frac{1}{2}$ ounces, and in the female from 5 to $13\frac{3}{4}$ ounces, the average weight in the male being 9.8, and in the female 8.2 ounces.

Abdomen.—The organs were generally larger than usual in 3 males and 1 female, and smaller than natural in 2 males and 3 females; the omentum enlarged in 1 male and 1 female; the stomach unusually thickened and more than double the average weight in 1 male; inflammation of the stomach and intestines in 4 males and 2 females; an ulcer in the stomach in 1 male and 1 female; ulceration in the small intestines in 3 males and 2 females; ulceration of the great intestines in 1 male and 11 females; a tape-worm, 18 feet long, in the colon of 1 male; the peritoneum agglutinated with tuberculous matter in 1 female; tuberculous matter in the mesenteric glands in 1 female, and tubercles in the spleen in 1 female; the liver in a waxy state in 1 male, enlarged and otherwise differing from the natural state in 5 males and 3 females; kidneys granular in 1 male and 1 female; kidneys united in form of a horse-shoe in 1 male; renal calculi in 1 female and calculi in the urinary bladder in 1 female; cancer of the uterus in 1; very extensive bony deposits in iliac arteries in 1 female. The *weight* of the stomach varied in the male from 4 to 10 ounces, and in the female from $3\frac{1}{4}$ to $6\frac{3}{4}$ ounces, the average weight in the male 5.7 and in the female 4.8 ounces; the liver varied in weight in the male from 32 to $82\frac{1}{2}$ ounces, and in the female from 31 to $56\frac{1}{4}$ ounces, the average weight in the male 51.2, and in the female 44 ounces; the spleen varied in weight in the male from $1\frac{1}{2}$ to 9 ounces, and in the female from 2 to 10 ounces, the average weight in the male 4.3 and in the female 4 ounces; the pancreas varied in weight in the male from $2\frac{1}{4}$ to $5\frac{1}{4}$ ounces and in the female from $2\frac{1}{4}$ to 5 ounces, the average weight in the male 3.6 and in the female 3.2 ounces; the right kidney varied in weight in the male from 3 to 7 ounces, and in the female from $2\frac{1}{2}$ to $6\frac{1}{2}$ ounces, the average weight in the male 4.8 and in the female 4 ounces,

the left kidney varied in the male from $2\frac{3}{4}$ to $7\frac{3}{4}$ ounces, and in the female from $2\frac{1}{2}$ to $6\frac{1}{2}$ ounces, the average weight in the male 5.4 and in the female 4.1 ounces.

The *weight of the entire body* varied in 28 males from 70 to 208lbs., and in 32 females from 59 to 119lbs., the average weight in the males 106 and of the females 76 pounds. The *height* varied in the males from 5 feet 1 inch to 6 feet, and in the females from 4 feet 11 inches to 5 feet 7 inches, the average height of the males 5 feet 7 inches and of the females 5 feet 2 inches, after death.

TABLES.

TABLE I.

Shewing the time that each of 64 cases—26 males and 38 females—required for its treatment to effect recovery, arranged in a line, with the length of time the disorder had existed prior to admission.

Duration of the Disease prior to admission.	No. of Cases.		Time occupied in the Treatment to effect recovery.																	
			MONTHS.																	
	M.	F.	M.									F.								
1 Week	9	8	1	12	2	3	5	3	36	1	3	3	2	6	2	3	5	30	10	
2 Ditto	4	7	6	4	2	2	..	..	..	..	..	3	2	2	36	5	2	3	..	
3 Ditto	2	4	32	42	..	..	..	..	..	..	..	5	5	5	2	..	..	..	..
4 Ditto	1	3	4	..	..	..	..	..	..	..	..	8	8	11	..	..	..	..	..
6 Ditto	1	2	20	..	..	..	..	..	..	..	..	10	13	..	..	..	..	..	..
2 Months	2	5	3	9	..	..	..	..	..	..	..	8	5	3	2	7	..	..	..
3 Ditto	2	2	6	7	..	..	..	..	..	..	..	14	9	..	..	..	..	..	..
4 Ditto	1	..	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 Ditto .. ..	..	1	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..
8 Ditto	1	1	9	..	..	..	..	..	..	..	..	39	..	..	..	..	..	..	..
10 Ditto .. ..	..	2	..	..	..	..	..	..	..	..	..	4	20	..	..	..	..	..	..
12 Ditto	1	..	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Years .. ..	..	1	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..
3 Ditto	2	2	9	5	..	..	..	..	..	..	..	22	2	..	..	..	..	..	..
Total	26	38																		

Of these 64 recoveries the form of the disorder had been :—

	M.	F.
Acute Mania	5	4
Ordinary Mania	8	9
Recurrent Mania	6	9
Puerperal Mania	0	2
Monomania	1	2
Melancholia	3	12
Delirium Tremens	3	0
Total	26	38

The exciting causes were :—

	M.	F.
Hereditary Predisposition	10	8
Intemperance	6	1
Loss of Property	1	3
Previous Illness	4	2
Injury to the Head	3	0
Puerperal	0	3
Religious Fanaticism	1	2
Disappointment	1	4
Grief	0	9
Fright	0	4
Not known	0	2
Total	26	38

TABLE II.

Showing the number of Patients admitted from each Union, during the year 1854, distinguishing between those brought from their own Homes, the Workhouses, and Asylums, with the results.

UNIONS.	ADMITTED.						DISCHARGED.						REMAINING.				
	Homes.		Workhouses.		Asylums.		Total.		Not Recovered.		Recovered.		Died.		M.	F.	Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
Axbridge	6	3		2		1	6	6	1	1	2		5	4	9		
Bath	3	5		4		3	9	12		1	2		7	7	14		
Beaminster		1						1			1						
Bedminster	1	2		2			2	4			1		2	2	4		
Bradford.....																	
Bridgwater	2												1		1		
Chard	2	4		1			2	5			3		2		2		
Clutton	1	1		1			1	6		1	1		2	1	2		
Frome.....	5	1		3			4	2			2			4	6		
Keynsham		1		1				2									
Langport	1	2					2	2		1	2			1	1		
Shepton Mallet.....	2	3					2	3			2						
Taunton	3	10		1			4	11		1	2		2	7	9		
Wellington		2		1			1	3			1		1	1	2		
Wells		2		1			1	3			1		4	2	6		
Williton	10	2					10	12			1				1		
Wincanton	2	1					4	1							2		
Yeovil.....	1	2					1	2		1	3			1	3		
Axminster (Devon).....	1	4		1			1	6									
TOTAL	41	42	12	18	5	5	58	65	2	13	22	8	30	33	63		

TABLE III. (1854.)

Showing the Principal Occurrences of each Month.

	January.		Feb.		March.		April.		May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total on 31st Dec.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
No. of Patients on the 1st of the Month.	163	200	164	202	167	202	166	201	165	202	166	205	163	202	160	197	165	195	168	190	163	190	163	189	
Do. do. admitted	5	8	6	2	8	5	7	10	4	8	1	5	3	5	8	3	5	5	3	7	5	3	5	2	65
Do. do. discharged recovered	0	2	0	1	1	3	3	4	3	0	2	1	2	4	2	3	0	6	7	5	1	5	5	4	38
Do. do. do. relieved	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	2	1	1	0	0	0	0	6
Do. do. do. not improved	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1
Do. Deaths	3	3	3	1	8	2	4	4	0	4	2	7	4	6	0	2	1	2	0	1	1	1	3	0	33
Do. Patients remaining	164	203	167	202	166	201	166	202	167	205	164	202	160	197	165	195	168	190	163	190	163	189	159	187	187
																								346	
Do. Epileptics	20	21	19	18	23	19	24	23	26	23	23	22	24	18	25	18	24	19	23	15	22	20	20	18	
Do. Fits by day, from 6 a.m. to 6 p.m.	105	90	136	119	112	136	141	97	170	124	125	123	183	68	176	66	222	42	193	103	206	101	159	70	1139
Do. do. night, from 6 p.m. to 6 a.m.	49	106	38	66	63	126	43	63	62	45	36	65	58	49	59	47	48	58	86	43	96	39	77	34	741
Do. violent Patients	6	2	1	2	2	3	1	4	5	1	3	2	1	0	4	3	2	4	5	6	3	3	4	2	3
Do. dirty do.	9	11	7	10	7	10	8	9	9	7	9	5	7	6	6	6	5	5	7	6	8	6	5	7	7
Do. destructive do.	2	9	3	6	6	6	5	8	3	7	4	6	3	8	5	9	0	8	7	7	4	5	3	11	4
Do. Panes of Glass broken	0	2	36	5	6	4	6	5	6	7	16	32	3	6	1	29	0	28	13	26	7	1	1	6	171
Do. Patients in Seclusion	1	9	0	5	1	4	1	10	2	8	2	7	0	5	4	6	0	3	1	5	3	6	1	5	6
Aggregate hours of do.	4	184	0	74	74½	77	34	61	10	410	19	224	0	302	90	104	0	298	4	194	15	158	14	72	179
Average do.	4	20½	0	15	74½	19	34	6	5	51	9	32	0	60	22½	17	0	99	4	38	5	26	14	14	29
No. of Patients under Medical treatment	28	31	37	37	34	43	34	41	40	43	35	44	37	48	39	38	31	29	26	30	36	33	27	25	37
Do. attending Chapel on Sundays	193	151	100	140	108	143	110	156	110	131	108	134	110	138	116	141	115	144	107	126	110	128	110	115	128
Do. do. daily, mornings, } (week days).....	92	119	90	112	95	118	93	127	95	129	96	126	93	119	95	117	97	116	93	99	95	99	95	95	114
Do. do. Evening Prayers	0	20	0	20	0	20	23	20	62	100	72	96	72	88	71	83	75	86	0	105	18	107	52	80	61
Do. do. Employed	85	126	91	120	97	110	94	128	95	122	94	113	90	100	103	104	94	113	96	101	89	85	89	96	108
Do. do. not Employed, sick, old, } and infirm	62	61	55	56	52	84	56	50	53	55	49	64	54	75	57	84	54	80	53	84	55	85	56	73	71

TABLE IV. (1854.)

Showing in Quinquennial periods the ages of those admitted during the year, the civil condition, and the number of attack of Insanity.

Age in Quinquennial Periods.	No. of Admissions.			CIVIL CONDITION.				NUMBER OF ATTACK.										
				Single.		Married.		Widowed.		1st.		2nd.		3rd or more.		From Birth.		Unknown.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 15	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
From 15 to 20	4	1	6	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" " 20 .. 25	2	7	9	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 25 .. 30	11	7	18	3	5	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 30 .. 35	9	8	17	5	4	3	..	..	..	..	..	..	..	..	..	..	..	..
" " 35 .. 40	7	7	14	4	5	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 40 .. 45	8	6	14	5	4	3	..	..	..	..	..	..	..	..	..	..	..	..
" " 45 .. 50	3	8	11	2	3	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 50 .. 55	4	2	6	3	2	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 55 .. 60	2	7	9	2	2	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 60 .. 65	3	5	8	2	1	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 65 .. 70	3	5	8	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..
" " 70 .. 75	1	1	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
" " 75 .. 80	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	58	65	123	28	27	2	11	36	35	12	14	5	12	5	3	..	1	1

TABLE V.

Showing the occupations of 123 Patients admitted in 1854.

MALES.				FEMALES.							
Agriculture	10	Schoolmaster	..	..	1	Agriculture	..	..	9
Brewer	1	Sawyers	..	..	4	Charwomen	..	..	5
Blacksmiths	2	Servants	..	..	3	Needlework	..	..	7
Butchers	2	Shoemakers	..	..	3	Factory	..	..	1
Carpenters	2	Soldiers	..	..	2	Glovers	..	..	4
Carter	1	Tailors	..	..	2	Household Work	..	..	9
Cattle Jobbers	3	Weavers	..	..	2	Higgler	..	..	1
Farmers	4	No Occupation..	..	..	6	Laundresses	..	..	5
Gardener	1	Criminal Lunatic	..	..	1	Weaver	..	..	1
Mariners	2					Nurse-tenders	..	..	2
Masons	5					Paupers	..	..	2
Coal Miner	1					Schoolmistresses	..	..	2
								Servants	..	..	11
								None or Unknown	..	..	6

TABLE VIII.

Showing the probable causes of the Disorder in the 123 Patients admitted in 1854.

MORAL.	Males.	Females.	PHYSICAL.	Males.	Females.
Anxiety	2	7	Congenital	5	3
Disappointment in Love	2	2	Disease of Nervous		
Fright	3	4	Centres	5	2
Grief	3	9	Hereditary Disposition.	11	16
Loss of Property	3	1	Injury to the Head....	4	1
Loss of Employment..	0	2	Intemperance	7	1
Over Study.....	2	1	Previous Illness	6	4
Poverty	0	1	Puerperal Disease	0	2
Pride	1	2	Old Age	1	0
Religious Excitement .	2	1	No cause assigned	1	4
Remorse	0	1			
Superstition	0	1			
Total.....	18	32	Total.....	40	33

TABLE IX.

Showing the forms of the Disorder in the 123 Patients admitted in 1854.

FORMS OF DISORDER.	Males.	Females.	Total.
Mania	15	20	35
Ditto, Recurrent	4	7	11
Ditto, Puerperal.....	0	2	2
Monomania.....	4	1	5
Melancholia	9	17	26
Dementia or Incoherence	4	8	12
Idiocy	3	1	4
Epilepsy	7	7	14
General Paralysis	5	1	6
Delirium Tremens	6	1	7
Fatuity	1	0	1
Total.....	58	65	123

TABLE X.

Showing the duration of the existing attack in the 123 Patients admitted in 1854, with reference to the result.

Duration of the Existing Attack.	Admitted.		Recovered.		Relieved.		Not Improved.		Died.		Remaining.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 1 Month.	17	24	11	13	1	1	..	..	..	1	5	9
2 Months.	9	10	2	3	..	..	..	..	2	3	5	4
3	2	4	..	2	..	1	..	..	..	..	2	1
4	1	2	..	..	..	..	..	..	..	1	1	1
5	2	1	..	1	..	..	..	..	1	..	1	..
6	3	2	..	1	1	..	..	..	1	..	1	1
8	1	1	..	..	..	..	..	..	..	..	1	1
9	3	3	..	..	1	1	..	..	1	1	1	1
12	2	1	..	..	..	..	..	..	1	..	1	1
18	..	3	..	..	..	..	..	1	..	..	..	2
2 Years.	2	5	..	1	..	..	..	..	2	1	..	3
3	3	2	..	..	..	..	..	..	1	..	2	2
5	2	3	..	..	..	..	..	..	..	1	2	2
8	2	..	..	..	..	..	..	..	..	..	2	..
10	1	..	..	..	..	..	..	..	..	..	1	..
15	..	1	..	..	..	..	..	..	..	..	..	1
20	2	..	..	..	..	..	..	..	1	..	1	..
From Childhood.	5	3	..	..	..	..	1	..	..	..	4	3
Unknown	1	..	..	..	..	..	..	..	..	..	1	..
Total	58	65	13	21	3	3	1	1	10	8	31	32

TABLE XI.

Showing the Annual Admissions since the opening of the Asylum on the 1st day of March, 1848, with the Discharges and Deaths, and the number remaining on the 31st December in each Year.

ADMITTED.					From 1st March to 31st Dec. 1848.				1849.				1850.				1851.				1852.				1853.				1854.				TOTAL.				REMAINING in the ASYLUM 31st December, 1854.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
YEAR.	New Cases.		Relapsed Cases.		Recovered.	Relieved.	Not Improved.	Died.	Recovered.	Relieved.	Not Improved.	Died.	Recovered.	Relieved.	Not Improved.	Died.	Recovered.	Relieved.	Not Improved.	Died.	Recovered.	Relieved.	Not Improved.	Died.	Recovered.	Relieved.	Not Improved.	Died.	Recovered.	Relieved.	Not Improved.	Died.	Males.	Females.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Males.	Females.	Males.	Females.																																Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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ADMITTED.		
Per Centage of New Cases	91.07	91.8
Ditto Relapsed Cases	8.93	8.2
	100.00	100.0

DISCHARGED.		
Per Centage of Cases Recovered	29.4	29.51
Ditto Relieved	5.2	9.60
Ditto Not Improved	3.2	2.36
Ditto Dead	32.0	24.10
Ditto Remaining	30.2	34.43
	100.0	100.00



ANALYSIS OF THE TABLES.

According to Table I. there were 64 recoveries in the year 1854, males 26, females 38. In 16 males and 22 females the disorder had been of less than one month's duration previous to admission; the time under treatment was 158 months for the males, and the same for the females, giving an average of nearly 10 months for the males and 7 for the females. In 8 males and 13 females the duration of the disorder had been from 6 weeks to 12 months previous to admission, the time under treatment in the males was 90 and females 136 months, and the average time in the males $11\frac{1}{4}$ and in the females $10\frac{1}{2}$ months. Some form of mania had been in 20 males and 26 females, melancholia in 3 males and 12 females, and delirium tremens in 3 males. The exciting causes were, first, hereditary predisposition in 18, intemperance in 6 males, and grief and disappointment in 13 females.

Of the 123 admissions in 1854 (Table II.) there were from their homes 83, from workhouses 30, from asylums 10. Of the admissions 35 were discharged recovered, 7 not recovered, 18 died, and 63 remained.

The number of patients resident, the admissions, discharges, and deaths in each month are shown in Table III. The average monthly number in the asylum throughout the year was 164·3 males and 197·6 females, and the per centage of discharges, recovered and relieved was upwards of 20 per cent; the average number of epileptic patients 22·7 males and 19·5 females, there were 2643 fits amongst the males and 1880 amongst the females, the fits were this year most frequent amongst the males, in former years they have been most frequent amongst the females. The average number of violent patients 3 of each sex, of dirty 7, and of destructive 4 males and 7 females: the number of panes of glass broken 266. The average number of patients in seclusion during each month was 8, taking medicine 70; about two thirds attend Chapel on Sundays, and nearly the same number on week days attend Chapel in the morning, and are employed during the day in various occupations, as shown in the returns of working patients.

The ages in quinquennial periods of those admitted in 1854, are shown by Table IV. and it appears that 18 males and 15 females were under 30 years, 24 males and 21 females from 30 to 45 years, 9 males and 17 females from 45 to 60 years, and 7 males and 12 females from 60 to 80 years. The number of single was 55, of married 55, and of widowed 13. The number labouring under a first attack was 71, second attack 26, third attack 17, from birth 8, not known 1.

The occupations as shown in Table V. call for no remark.

The bodily health appears from Table VI. to have been good in one third of those admitted, indifferent in nearly one half, and decidedly bad in about one fourth. The bodily health was good in half of the 66 remaining at the end of the year.

The religion of nearly three fourths of those admitted in 1854 appears from Table VII. to have been of the Church of England, about one half had received some education, the other half had received scarcely any education.

In Table VIII. are set forth the probable causes of the disorder. In one third of the males and one half of the females they were moral, and in two thirds of the males and one half of the females physical causes, and of these hereditary disposition was most frequent.

Mania was as usual the most common form of the disorder as shown in Table IX; there were 216 cases of melancholia and 14 cases of epilepsy.

It appears from Table X. that in 66 of the more recent cases where the duration of the existing attack was of three months duration and under, 34 were discharged, 6 died within the year, and 26 remain; of the other 67 in whom the existing attack was of more than three months duration, only 8 have been discharged, 12 died within the year, and 37 remain.

By Table XI. we find 1069 patients have been admitted from the first opening of the asylum to the 31st December 1854, of these 526 were males and 543 females, nearly 92 per cent were new cases and 8 per cent relapsed cases; and for the whole period the discharges recovered and relieved have been nearly 37 per cent, not improved $2\frac{1}{2}$ per cent, dead 28 per cent; on the number for the year, the discharges recovered and relieved have been 16 per cent, dead $12\frac{3}{4}$ per cent, remaining nearly $32\frac{1}{2}$ per cent. Nearly a third of those remaining are of the admissions of 1848.

HEAD ATTENDANT'S RETURN OF MALE WORKING PATIENTS FOR 1854.

No. of Patients, and how employed.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total Weeks.
ARTISANS.													
3 in Bakehouse & Brewhouse	4	4	4	4	4	4	4	4	4	4	4	4	48
4 as Carpenters	4	4	4	4	4	4	4	4	4	4	4	4	48
2 at Furnaces	2	2	2	2	2	2	2	2	2	2	2	2	24
4 as Masons	4	4	4	4	4	4	4	4	4	4	4	4	48
2 as Painters	2	2	2	2	2	2	2	2	2	2	2	2	24
2 in Smith's Shop	2	2	2	2	2	2	2	2	2	2	2	2	24
4 as Shoemakers	4	4	4	4	4	4	4	4	4	4	4	4	48
3 as Tailors	3	3	3	3	3	3	3	3	3	3	3	3	36
LABOURERS.													
10 Assisting Attendants	5	5	5	5	5	5	5	5	5	5	5	5	60
1 on Roadways	1	1	1	1	1	1	1	1	1	2	1	1	12
3 in Removing Earth	2	2	2	2	2	2	2	2	2	2	2	2	24
30 on Farm	16	16	16	16	16	16	16	16	16	16	16	16	192
2 in Foul Linen House	3	3	3	3	3	3	3	3	3	3	3	3	36
10 in Garden	8	8	8	8	10	10	10	10	10	8	8	8	108
2 in Kitchen	2	2	2	2	2	2	2	2	2	2	2	2	24
1 at Limekiln	1	1	1	1	1	1	1	1	1	1	1	1	12
6 as Quarrymen	10	10	10	10	10	10	10	10	10	10	10	10	120
2 in Stone Shed	1	1	1	1	1	1	1	1	1	1	1	1	12
2 as Coir Pickers	2	2	2	2	2	2	2	2	2	2	2	2	24
1 in Store Room	1	1	1	1	1	1	1	1	1	1	1	1	12
94	77	77	77	79	79	79	79	79	79	77	77	77	936

The value of the labour of 24 artizans, estimated at 15s. per week, amounts to £225; and of 70 labourers, at 12s. a week, £381 12s;* total £606 12s. for the year.

WORK DONE BY THE MALE PATIENTS.

TAILORS.

Trowsers (pairs)	87	Jackets	8
Waistcoats	68		

SHOEMAKERS.

Women's Shoes (pairs)	262	Men's Light Shoes (pairs)	16
Ditto Slippers do.	56	Ditto Slippers do.	39
Ditto Boots do.	62		
Men's Strong do. do.	87	Total Made	532
		No. Repaired do.	230

* The labour of the females, which has been very considerable during the year, inweeding, stone-picking, and assisting in gathering the crops, has not been taken into account.

LIST OF NEEDLEWORK DONE BY THE FEMALE PATIENTS DURING THE YEAR.

Male Clothing made:—

Shirts	258
Kirtle frocks	55
Waistcoats (flannel)	12
Straw hats	12
Neckerchiefs	321
Cloth caps	61
Straw hats	61
Stockings, knitted (pairs)	21
Neck ties.....	30
Boy's Dresses	4

Female Clothing made:—

Dresses	1
Shifts	1
Petticoats	
Aprons	
Bedgowns	
Day Caps	11
Night ditto	1
Neckerchiefs	2
Shoes and Slippers, bound (pairs)	3
Strong Dresses	
Cap Bordering	2
Stays	

Sundries:—

Sheets	219	House cloths	
Shrouds	61	Laundry cloth	
Pillow cases	114	Strong rugs	
Table cloths	59	Tea bags	
Towels, roller	17	Garden Pockets.....	
Ditto, tea	6		

CONTRACT PRICES

For the Year ending December, 1854.

ARTICLES.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Beef, at per stone of 14lbs.	0 4 8	0 5 10	0 5 10	0 5 10
Mutton, „	0 5 10	0 7 0	0 7 0	0 5 10
Cider, at per hogshead	1 8 0	1 8 0	1 8 0	1 8 0
Malt, „ bushel	0 7 4½	0 9 9	0 9 9	0 9 9
Hops, „ lb.	0 2 4	0 2 3	0 2 3	0 2 3
Cheese, „ cwt.	2 2 0	2 2 0	2 2 0	2 2 0
Butter, „ „	5 2 8	5 2 8	5 2 8	5 2 8
Moist Sugar, „	1 16 9	1 17 4	1 17 4	1 17 4
Lump ditto, at per lb.	0 0 5½	0 0 5¼	0 0 5¼	0 0 5
Black Tea, „	0 3 0	0 2 10	0 2 10	0 2 10
Pepper, „	0 0 11	0 1 0	0 1 0	0 1 0
Mustard, „	0 0 11	0 0 11	0 0 11	0 0 11
Coffee, „	0 0 11	0 1 0	0 1 0	0 1 0
Mottled Soap, at per cwt.	2 6 0	2 4 0	2 4 0	2 4 0
Soft ditto, „	2 6 3	1 17 4	1 17 4	1 17 4
Tobacco, at per lb.	0 3 3	0 3 3	0 3 3	0 3 3
Starch, „	0 0 4	0 0 5¼	0 0 5¼	0 0 5
Soda, at per cwt.	0 6 9	0 8 0	0 8 0	0 8 0
Small Coal, at per ton	0 7 0	0 7 6	0 7 6	0 7 6
Hard ditto, „	0 13 0	0 15 0	0 15 0	0 15 0
Coke, „	0 14 6	0 15 0	0 15 0	0 15 0
Rice, at per cwt.	0 15 0	0 17 0	0 17 0	0 17 0
Flour, at per Sack of 280lbs.	2 19 0	2 19 0	2 2 0	2 2 0
Candles, at per doz. lbs.	0 5 6	0 8 0	0 8 0	0 8 0
Peas, at per bushel .....	.. .. .	0 9 0	0 9 0	0 9 0
Oatmeal, per cwt. ....	.. .. .	1 0 0	1 0 0	1 0 0
Groats, „ .....	.. .. .	1 2 0	1 2 0	1 2 0

THE CONSUMPTION OF PROVISIONS AND NECESSARIES

Between the 1st day of January and the 31st day of December, 1854, and the quantity and value remaining in store on the 1st day of January, 1855.

ARTICLES.	Quantity Consumed.	Cost of Ditto.			Remaining in Store.	Value of Ditto.		
		£	s.	d.		£	s.	d.
Flour for Bread (sacks)	84	1165	10	5	31 sacks	65	2	0
Loaves, 4lbs. (No.)	35,135							
Flour for Puddings, &c. (sacks)	30							
Beef (lbs.)	41,541½	816	12	5	1247½ lbs.	31	3	9
Mutton (lbs.)	9,541¼	217	19	11½				
Pork and Bacon (lbs.)	4,134	97	4	2	41½ lbs.	1	5	11
Vegetables		275	15	10½				
Cheese (lbs.)	3,605½	84	15	10½	410 lbs.	6	11	10
Butter (lbs.)	8,778	395	13	6¼	127¾ "	5	17	1¼
Cream (pints)	344	8	12	4¼				
Milk (gallons)	8,364¼	209	2	5½				
Tea (lbs.)	773½	110	17	3	9 "	1	5	6
Coffee (lbs.)	1,904	91	18	4	147 "	7	7	0
Sugar (lbs.)	5,435	91	13	11¾	11 "	0	3	8
Ditto, Loaf (lbs.)	208	4	12	7	21 "	0	9	7½
Rice (lbs.)	5,829	47	11	11½	371 "	3	1	11
Oatmeal (lbs.)	143½	1	9	8				
Mustard (lbs.)	10	0	9	2				
Pepper (lbs.)	95	4	12	7				
Salt (lbs.)	5,264	6	0	7½				
Vinegar (gallons)	21¼	1	4	2½	2¾ gallons	0	2	3½
Fish, Salt and Fresh (lbs.) ..		8	17	0				
Calves' Feet	108	1	7	0				
Peas (bushels)	36	16	4	0				
Currants, Raisins, and Spices		6	1	5				
Suet (lbs.)	36	0	12	0				
Buns (Good Friday)		2	1	8				
Malt (Ale and Porter, bushels)	636	292	8	9	40 bushels	19	10	0
Hops (lbs.)	579½	60	6	8	30 lbs.	3	7	6
Cider (hogsheads and gallons)	107h. 16½g.	150	4	3	6hds. 38½gals.	12	7	9
Tobacco (lbs.)	286	46	9	6				
Snuff (lbs.)	5¼	1	9	0				
Candles, Dip (lbs.)	516	15	8	0				
Ditto, Moulds (lbs.)	117	4	6	7½				
Soap (lbs.)	2,709	52	17	7½	987 lbs.	19	7	9½
Ditto, Soft (lbs.)	1,534	31	19	2				
Soda (lbs.)	2,249	24	11	2	596 "	2	2	6
Starch and Blue		7	17	8½				
Coals, Hard (tons, cwt.)	489t. 13c.	347	11	7	16 tons	12	0	0
Ditto, Small (tons, cwt.)	205t. 19c.	75	1	9	7 "	2	12	6
Coke tons, cwt.)	130t. 6c.	94	2	2	2 "	1	10	0
Fagots and Turf		5	15	0				
Sundries		31	1	3				
		4908	10	8½		196	4	2½

BUILDING ACCOUNT FROM JANUARY 1ST TO THE 31ST DECEMBER, 1854.

RECEIPTS.

1854.

To Balance brought forward from end of the Year 1853, page

67 of the Sixth Report

To additional charge made for Patients belonging to Boroughs
and Counties not contributing toward the original
cost of building the Asylum

£. s. d.
993 5 6
342 0 9

PAYMENTS.

£. s. d.

By Amount paid for Materials and Wages
for New Building

Law Expenses attending the Purchase
of Land

Wages and Materials for necessary
alterations

Fire Insurance

Balance

494 17 1
66 10 7
561 7 8
94 9 10
7 19 6
671 9 3

58

£1335 6 3

£1335 6 3

GEO. WILLIAM GUNN,

Clerk and Steward.

*Farm and Garden Account of the Somerset County Lunatic Asylum
for the year ending December 31st, 1854.*

1854.	£	s.	d.	£	s.	d.
To Valuation of Live and Dead Stock, Vegetables and Roots, brought forward from last year, viz:—						
Live Stock	246	14	0			
Dead ditto	95	3	0			
Vegetables and Roots	142	14	0			
				484	11	0
To Salaries:—						
Bailiff, Gardener, Cow-man, Carter, and part of Lime-burner, and 3 Attendants assisting in Farm & Garden				*165	0	0
To Cash Paid:—						
Live Stock	126	5	0			
Dead ditto	12	4	3			
Corn, Seed, Hay, Straw, Meal, and Sundry Expenses	205	4	3			
Manure & Horse Hire	39	1	6			
The Rent of 12 acres and 2 quarters of Land ..	18	0	0			
Tithes, Rent Charge, & Poor-rates	26	3	2			
Cattle Medicines, &c.	5	13	6			
				432	11	8
To Valuation of Bran from grinding the Wheat	25	9	0			
Ditto of Grains, 536 bushels	11	3	4			
Ditto of Coal for Lime-burning ..	19	4	0			
Ditto of Provisions supplied from the House	7	13	2			
				63	9	6
To Yearly value of 35 acres of Land, together with a Lodge and Cottage for the Bailiff and Carter				87	10	0
				1233	2	2
To Net Balance to the Credit of Farm and Garden for labour Patients, viz.:— Average Weekly Number at Work, 40 Males, 5 Females				360	13	8½
				£1593	15	10½

1854.	£	s.	d.	£	s.	d.
By Provisions:—						
Vegetables	271	18	6½			
Milk, 8,364 gallons & 7 pints ..	209	2	5½			
Cream, 344¼ pts.	8	12	4½			
Butter, 1,406lbs.	58	11	8			
Pork, 3,628lbs.	85	0	9			
Beef, 2,872lbs.	70	4	0			
Eggs, 36 doz. ..	1	4	0			
By Valuation of Work done by the Horses				704	13	9½
By Valuation of Lime:—						
Purifying Gas, 10 quarters ..	0	15	0			
Building, 292qrs ..	21	18	0			
By Cash received for Lime	47	7	10	22	13	0
Hide & Tallow ..	5	12	0			
Stock ..	66	15	0			
Fruit and Vegetables	1	3	0			
Bones	4	16	3			
				125	14	1
By Present Stock, viz.:—						
LIVE STOCK.						
11 Milch Cows	159	10	0			
1 Fat Cow	16	0	0			
26 Store Pigs	33	10	0			
1 Fat Pig	8	0	0			
3 Breeding Sows ..	7	10	0			
2 Horses	50	0	0			
				274	10	0
DEAD STOCK.						
2 Putts and 1 Light Wagon ..	20	0	0			
1 Cart and 2 Hand Carts	8	0	0			
2 Liquid Manure ditto	10	0	0			
1 Iron Roller and 1 Hand ditto ..	3	10	0			
1 Plough and 1 Horse Hoe	6	0	0			
1 Pair Harrows ..	0	15	0			
1 Liquid Manure Lifting Pump ..	38	0	0			
2 Chaff Engines & 1 Turnip Cutter ..	6	0	0			
A Steam Apparatus ..	10	10	0			
Sundry Tools	13	10	0			
				116	5	0
VEGETABLES & ROOTS.						
3 Bushels of Peas ..	1	10	0			
3 Do. Broad Beans ..	1	10	0			
6 Tons of Silesian Beet	6	0	0			
100 Ditto of Mangold Wurtzel ..	75	0	0			
80 Ditto of Swedes ..	60	0	0			
6 Sacks of Seed Potatoes	6	0	0			
70 Ditto of Eating ..	35	0	0			
18 Ditto of Parsnips ..	54	0	0			
8 Ditto of Carrots ..	16	0	0			
360 Pecks of Onions ..	18	0	0			
9 Tons of Hay ..	27	0	0			
				300	0	0
				£1593	15	10½

ESTIMATED VALUE OF STOCK (LIVE AND DEAD) ON FARM, DECEMBER 31st, 1854,
 COMPARED WITH THE PRECEDING YEAR.

	1853.			1854.					
	£	s.	d.	£	s.	d.	£	s.	d.
Live Stock	246	14	0	..	..	..	274	10	0
Dead ditto	95	3	0	..	..	..	116	5	0
Vegetables and Roots	142	14	0	..	..	..	300	0	0
	<hr/> 484 11 0			..	..	..	<hr/>690 15 0		
Increase on Stock .. .. .	..	..	..	206	4	0	<hr/>		
	<hr/>			£690	15	0	<hr/>		
	<hr/>			<hr/>			<hr/>		

GEO. WILLIAM GUNN
Clerk and Steward.

RECEIPTS AND PAYMENTS

*By the Treasurer of the Somerset County Lunatic Asylum,
from the 1st of January to the 31st day of December, 1854,
pursuant to 16 and 17 Vic. chap. 97, sec. 53.*

RECEIPTS.

1. *From Sales.*

	£	s.	d.	£	s.	d.
Produce of Farm and Garden, and Live Stock	67	17	0			
Lime	47	7	10			
Hide and Tallow	5	12	0			
Bones	4	16	3			
	<hr/>			125	13	1

2. *Maintenance Account from Unions and Parishes
Contributing, and under Contract*

Axbridge	611	17	0			
Bath	997	7	9			
Ditto Borough Excess	316	19	8			
Beaminster	27	9	3			
Bedminster	428	12	0			
Bradford	25	0	0			
Bridgwater	359	10	0			
Ditto Borough Excess	82	15	0			
Chard	259	14	0			
Clutton	512	0	0			
Dulverton	36	6	0			
Frome	394	13	0			
Keynsham	91	10	0			
Langport	173	17	0			
Meare	31	18	0			
Shepton Mallet	240	9	0			
Sherborne	7	0	0			
Taunton	625	6	0			
Wellington	414	13	0			
Wells	388	3	0			
Williton	175	5	0			
Wincanton	212	7	0			
Yeovil	318	18	0			
	<hr/>			6731	9	8

RECEIPTS, *continued.*

						£	s.	d.	£	s.	d.
Brought over	..	..	..	..	..				6731	9	8
<i>3. From Counties and Parishes not Contributing, nor under Contract.</i>											
Axminster	..	..	..	..	..	53	0	6			
Honiton	..	..	..	..	..	20	10	4			
Tisbury	..	..	..	..	..	7	3	6			
									80	14	4
<i>4. From County and Borough Treasurers.</i>											
Bath	..	..	..	..	..	53	4	7			
Somerset	..	..	..	..	..	51	11	0			
									104	15	7
<i>5. From Repayment of Expences of Funerals.</i>											
Axminster Union	..	..	..	..	..	1	3	6			
Axbridge Union	..	..	..	..	..	3	10	6			
Bath Union	..	..	..	..	..	7	1	0			
Beaminster Union	..	..	..	..	..	1	3	6			
Bedminster Union	..	..	..	..	..	4	0	6			
Bridgwater Union	..	..	..	..	..	4	14	0			
Chard Union	..	..	..	..	..	3	10	6			
Clutton Union	..	..	..	..	..	5	17	6			
Dulverton Union	..	..	..	..	..	1	3	6			
Frome Union	..	..	..	..	..	2	7	0			
Langport Union	..	..	..	..	..	1	3	6			
Shepton Mallet Union	..	..	..	..	..	1	3	6			
Sherborne Union	..	..	..	..	..	1	3	6			
Taunton Union	..	..	..	..	..	2	7	0			
Wellington Union	..	..	..	..	..	4	14	0			
Wells Union	..	..	..	..	..	3	10	6			
Wincanton Union	..	..	..	..	..	4	7	6			
Williton Union	..	..	..	..	..	2	7	0			
Yeovil Union	..	..	..	..	..	4	0	6			
									59	8	6
<i>6. From Repayment of Expences of Removals.</i>											
Bath	..	..	..	..	..	1	0	0			
Clutton	..	..	..	..	..	6	10	0			
Frome	..	..	..	..	..	4	16	0			
Wellington	..	..	..	..	..	1	1	0			
Wincanton	..	..	..	..	..	4	18	0			
									18	5	0
Total Receipts	..	..	..	..	..	7120	6	2			

PAYMENTS.

				£	s.	d.	£	s.	d.
1. Salaries and Wages							1345	17	11
2. Provisions (including all articles in dietary.)									
Wheat, less £9 for Grinding				250	7	9			
Flour				885	13	0			
Beef				775	13	4			
Mutton				207	19	11½			
Bacon				6	1	1			
Butter				309	10	2½			
Cheese				90	7	8¼			
Rice				48	2	10½			
Fish				8	18	0			
Peas				16	4	0			
Tea				114	19	3			
Coffee				95	10	6			
Sugar				91	17	7¾			
Loaf do.				5	2	2½			
Currants, Raisins, and Spices				6	5	0			
Buns				2	1	8			
Oatmeal				1	11	6			
Cider				102	8	0			
Malt				311	14	11			
Hops				48	4	1½			
Salt, Pepper, Vinegar				12	2	1			
Potatoes				5	7	0			
Barm				0	15	6			
Sundries				5	0	6			
							3401	17	9½
3. Necessaries.									
Candles, Dips				15	8	0			
Do. Moulds				4	6	7½			
Soap				52	2	11			
Soft do.				31	19	2			
Soda				26	13	8			
Starch and Blue				7	19	1½			
Tobacco				46	9	6			
Snuff				1	9	0			
Coal, Hard				357	14	0½			
Ditto, Small				77	14	3			
Coke				96	5	8			
Faggots and Turf				5	15	0			
Sundries				4	4	8			
							728	1	7½
Amount carried over							£5475	17	4

PAYMENTS, *continued.*

	£	s.	d.	£	s.	d.
Brought over				5475	17	4
4. <i>Surgery and Dispensary.</i>						
Drugs, Instruments, Wine, and Spirits ..	95	9	10			
Fish, Eggs, Arrowroot, Sago, &c. ..	14	2	3			
	<hr/>			109	12	1
5. Clothing and Leather				746	1	2
6. Ordinary Repairs and Furnishing ..				332	15	1
7. Alterations				94	9	10
8. Building, and Law Expences				561	7	8
9. Fire insurance				7	19	6
10. <i>Miscellaneous.</i>						
Printing, Stationery, Stamps, Advertisements, } and Periodicals	127	18	1			
Carriage of Goods & Tolls, fetching flour, &c. ..	11	19	1			
Retaking Patients	17	11	0			
Rates and Taxes	4	14	1			
Omitted in Provision account	6	17	5			
Groceries supplied (1853)	23	2	7			
Sundries	10	8	9			
	<hr/>			203	11	0
11. Fetching and Removing Patients ..	14	6	0			
Funeral Expences	54	14	6			
	<hr/>			69	0	6
12. <i>Farm and Garden.</i>						
Paid for Live and Dead Stock, Provender, } Manure, Rent, Horse Hire, Taxes, Cattle, } Medicines, &c., as per Farm Account ..				432	11	8
				<hr/>		
Total Payments				£8033	5	10

Aggregate Days of Residence of Patients, 129,166.

General Statement of the Receipts and Payments on Account of the Somerset County Lunatic Asylum between January 1st, and December 31st, 1854, pursuant to the 16 and 17 Vic. chap. 97, sec. 58.

RECEIPTS.

	£	s.	d.	£	s.	d.
To Balance in the Treasurer's hands on the of December, 1853, brought forward ..				1590	15	1
<i>From Sales.</i>						
1. Produce of Farm and Garden and Live Stock	67	17	0			
Lime, Hide, Tallow, and Bones	57	16	1			
				125	13	1
<i>Maintenance Account.</i>						
2. Pauper Patients				6470	3	3
From County and Borough Treasurers' ..				104	15	7
From Counties and Boroughs not contributing				342	0	9
Repayment of Expenses of Fetching and Removing	18	5	0			
Ditto Funeral Expenses.. ..	59	8	6			
				77	13	6
				£8711	1	3

PAYMENTS.

	£	s.	d.
1. By Salaries and Wages	1345	17	11
2. „ Provisions	3401	17	9½
3. „ Necessaries.. ..	728	1	7½
4. „ Surgery and Dispensary	109	12	1
5. „ Clothing and Leather	746	1	2
6. „ Ordinary Repairs and Furnishing	332	15	1
7. „ Building and Law Expenses	561	7	8
8. „ Alterations	94	9	10
9. „ Fire Insurance	7	19	6
10. „ Fetching and Removing	14	6	0
11. „ Funeral Expenses	54	14	6
12. „ Miscellaneous	203	11	0
13. „ Farm and Garden	432	11	8
	£8033	5	10
Balance with the Treasurer	649	16	10
Ditto Clerk and Steward	27	18	7
	677	15	5
	£8711	1	3

GEO. WILLIAM GUNN,
Clerk and Steward.

WELLS :

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